

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005283.D
 Acq On : 12 Oct 2018 09:39
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 9:04:26 AM

Quant Time: Oct 12 10:47:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 10:42:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	303718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	407395	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	354232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197747	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	68380	17.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.92%	
35) Dibromofluoromethane	5.50	113	52966	14.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	28.42%	
50) Toluene-d8	8.71	98	182489	14.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	29.20%	
62) 4-Bromofluorobenzene	11.14	95	65546	14.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	29.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	46586	16.37	ug/l	100
3) Chloromethane	1.32	50	64225	16.39	ug/l	95
4) Vinyl Chloride	1.40	62	64374	16.01	ug/l	98
5) Bromomethane	1.64	94	36214	18.87	ug/l	90
6) Chloroethane	1.71	64	40148	15.44	ug/l #	86
7) Trichlorofluoromethane	1.92	101	86010	16.14	ug/l	99
8) Diethyl Ether	2.19	74	36097	15.11	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	50020	14.79	ug/l	97
10) Methyl Iodide	2.51	142	45476	12.23	ug/l	97
11) Tert butyl alcohol	3.08	59	87849	94.01	ug/l	100
12) 1,1-Dichloroethene	2.37	96	48704	15.35	ug/l	96
13) Acrolein	2.29	56	55616	150.77	ug/l	92
14) Allyl chloride	2.73	41	107702	16.51	ug/l	97
15) Acrylonitrile	3.15	53	204860	91.04	ug/l	98
16) Acetone	2.45	43	174303	91.19	ug/l	95
17) Carbon Disulfide	2.57	76	148886	16.23	ug/l	99
18) Methyl Acetate	2.78	43	106440	19.85	ug/l	91
19) Methyl tert-butyl Ether	3.20	73	176498	15.85	ug/l	97
20) Methylene Chloride	2.85	84	56437	14.39	ug/l #	85
21) trans-1,2-Dichloroethene	3.17	96	54357	15.50	ug/l	89
22) Diisopropyl ether	3.87	45	183073	15.58	ug/l #	95
23) Vinyl Acetate	3.82	43	805812	84.74	ug/l	95
24) 1,1-Dichloroethane	3.69	63	105064	15.84	ug/l	97
25) 2-Butanone	4.71	43	262204	86.19	ug/l #	85
26) 2,2-Dichloropropane	4.59	77	79045	17.35	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	59481	15.19	ug/l	91
28) Bromochloromethane	5.02	49	49384	16.27	ug/l	94
29) Tetrahydrofuran	5.15	42	178221	97.15	ug/l	90
30) Chloroform	5.21	83	102487	15.82	ug/l	86
31) Cyclohexane	5.57	56	87523	15.45	ug/l	86
32) 1,1,1-Trichloroethane	5.49	97	86648	16.61	ug/l	99
36) 1,1-Dichloropropene	5.80	75	77472	15.66	ug/l	97
37) Ethyl Acetate	4.86	43	98378	17.49	ug/l	98
38) Carbon Tetrachloride	5.78	117	77257	15.99	ug/l	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005283.D
 Acq On : 12 Oct 2018 09:39
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 9:04:26 AM

Quant Time: Oct 12 10:47:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 10:42:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	78801	15.27	ug/l #	82
40) Benzene	6.15	78	229470	15.64	ug/l	94
41) Methacrylonitrile	5.06	41	51970	16.77	ug/l	97
42) 1,2-Dichloroethane	6.20	62	79689	16.37	ug/l	97
43) Isopropyl Acetate	6.46	43	122421	16.39	ug/l	97
44) Trichloroethene	7.21	130	65211	17.10	ug/l	90
45) 1,2-Dichloropropane	7.52	63	54914	15.55	ug/l	97
46) Dibromomethane	7.66	93	37808	16.95	ug/l	97
47) Bromodichloromethane	7.90	83	66093	15.67	ug/l	98
48) Methyl methacrylate	7.77	41	67435	18.24	ug/l	96
49) 1,4-Dioxane	7.76	88	32844	375.29	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	448192	85.00	ug/l	94
52) Toluene	8.79	92	126124	14.59	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	71230	14.45	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	79773	15.88	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	52206	14.02	ug/l	97
56) Ethyl methacrylate	9.18	69	74564	14.16	ug/l	93
57) 1,3-Dichloropropane	9.37	76	87037	14.39	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	221619	91.72	ug/l	96
59) 2-Hexanone	9.50	43	354097	87.55	ug/l	93
60) Dibromochloromethane	9.59	129	53455	15.25	ug/l	99
61) 1,2-Dibromoethane	9.67	107	55013	15.47	ug/l	99
64) Tetrachloroethene	9.34	164	55402	12.53	ug/l	99
65) Chlorobenzene	10.14	112	143930	16.36	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	50923	16.78	ug/l	100
67) Ethyl Benzene	10.26	91	234882	16.42	ug/l	99
68) m/p-Xylenes	10.36	106	184974	33.56	ug/l	93
69) o-Xylene	10.70	106	88647	16.73	ug/l	97
70) Styrene	10.71	104	148598	16.93	ug/l	98
71) Bromoform	10.86	173	43144	17.32	ug/l #	99
73) Isopropylbenzene	11.02	105	240508	18.47	ug/l	100
74) N-amyl acetate	10.90	43	108832	19.85	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	83912	19.98	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	74977m	18.85	ug/l	
77) Bromobenzene	11.26	156	66620	18.51	ug/l	98
78) n-propylbenzene	11.36	91	277260	18.52	ug/l	100
79) 2-Chlorotoluene	11.42	91	167661	18.46	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	206817	18.89	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	23493	18.82	ug/l	97
82) 4-Chlorotoluene	11.51	91	197288	18.61	ug/l	99
83) tert-Butylbenzene	11.77	119	200520	19.24	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	214229	19.17	ug/l	98
85) sec-Butylbenzene	11.94	105	243399	18.32	ug/l	99
86) p-Isopropyltoluene	12.07	119	219753	18.74	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	121777	18.13	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	124051	17.88	ug/l	98
89) n-Butylbenzene	12.39	91	190064	17.78	ug/l	97
90) Hexachloroethane	12.60	117	34796	18.53	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	122446	18.01	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19652	21.91	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
Data File : VX005283.D
Acq On : 12 Oct 2018 09:39
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

MMDadoda
10/17/2018 9:04:26 AM

Quant Time: Oct 12 10:47:03 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 10:42:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	90174	18.73	ug/l	99
94) Hexachlorobutadiene	13.79	225	47048	18.71	ug/l	97
95) Naphthalene	13.83	128	271904	20.14	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	94642	19.14	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
Data File : VX005283.D
Acq On : 12 Oct 2018 09:39
Operator : JC/MD
Sample : VSTDIC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleID :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
10/17/2018 9:04:26 AM

Quant Time: Oct 12 10:47:03 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 10:42:03 2018
Response via : Initial Calibration

