

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070918\
 Data File : VX003241.D
 Acq On : 09 Jul 2018 12:16
 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
 7/10/2018 3:11:43 PM

Quant Time: Jul 09 15:12:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 14:57:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	320077	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	291329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204387	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	81412	23.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	46.18%	
35) Dibromofluoromethane	5.51	113	68968	27.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.42%	
50) Toluene-d8	8.72	98	248234	26.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	53.64%	
62) 4-Bromofluorobenzene	11.14	95	89417	25.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	81398	32.12	ug/l	99
3) Chloromethane	1.32	50	69627	26.17	ug/l	100
4) Vinyl Chloride	1.40	62	71093	24.64	ug/l	99
5) Bromomethane	1.64	94	26050	14.62	ug/l	99
6) Chloroethane	1.72	64	39939	20.81	ug/l	97
7) Trichlorofluoromethane	1.93	101	107879	22.17	ug/l	100
8) Diethyl Ether	2.19	74	37879	21.41	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	61266	21.72	ug/l	94
10) Methyl Iodide	2.51	142	52464	19.96	ug/l	96
11) Tert butyl alcohol	3.08	59	78818	112.20	ug/l	100
12) 1,1-Dichloroethene	2.37	96	56386	22.41	ug/l	92
13) Acrolein	2.29	56	59820	143.42	ug/l	99
14) Allyl chloride	2.73	41	107947	21.76	ug/l	94
15) Acrylonitrile	3.15	53	162016	107.97	ug/l	99
16) Acetone	2.45	43	146642	100.41	ug/l	95
17) Carbon Disulfide	2.57	76	154032	22.98	ug/l	99
18) Methyl Acetate	2.78	43	83793	20.52	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	187998	20.78	ug/l	99
20) Methylene Chloride	2.86	84	62397	21.96	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	60522	22.08	ug/l	96
22) Diisopropyl ether	3.88	45	209639	22.11	ug/l	99
23) Vinyl Acetate	3.83	43	913780	113.82	ug/l	98
24) 1,1-Dichloroethane	3.70	63	110159	21.38	ug/l	99
25) 2-Butanone	4.71	43	250408	115.53	ug/l	97
26) 2,2-Dichloropropane	4.59	77	92755	22.14	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	70182	22.84	ug/l	99
28) Bromochloromethane	5.02	49	57334	23.24	ug/l	90
29) Tetrahydrofuran	5.17	42	160131	115.21	ug/l	97
30) Chloroform	5.22	83	120098	22.71	ug/l	100
31) Cyclohexane	5.57	56	102822	23.25	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	107552	23.11	ug/l	98
36) 1,1-Dichloropropene	5.80	75	86037	24.51	ug/l	97
37) Ethyl Acetate	4.87	43	95636	25.31	ug/l	98
38) Carbon Tetrachloride	5.79	117	96652	25.09	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003241.D
 Acq On : 09 Jul 2018 12:16
 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
 7/10/2018 3:11:43 PM

Quant Time: Jul 09 15:12:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 14:57:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	100738	24.64	ug/l	97
40) Benzene	6.15	78	262562	25.74	ug/l	99
41) Methacrylonitrile	5.07	41	53242	24.46	ug/l	96
42) 1,2-Dichloroethane	6.20	62	97005	23.55	ug/l	98
43) Isopropyl Acetate	6.47	43	149129	23.53	ug/l	97
44) Trichloroethene	7.21	130	76585	25.19	ug/l	99
45) 1,2-Dichloropropane	7.52	63	67511	24.95	ug/l	99
46) Dibromomethane	7.67	93	45975	24.49	ug/l	94
47) Bromodichloromethane	7.90	83	84569	24.37	ug/l	97
48) Methyl methacrylate	7.78	41	77066	23.60	ug/l	93
49) 1,4-Dioxane	7.76	88	32533	512.01	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	491694	123.99	ug/l	97
52) Toluene	8.79	92	166428	25.47	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	100324	25.52	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	90379	23.90	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	68409	25.48	ug/l	98
56) Ethyl methacrylate	9.18	69	93263	23.77	ug/l	92
57) 1,3-Dichloropropane	9.38	76	109564	24.85	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	242911	128.32	ug/l	97
59) 2-Hexanone	9.50	43	377154	125.14	ug/l	96
60) Dibromochloromethane	9.59	129	69917	24.74	ug/l	99
61) 1,2-Dibromoethane	9.68	107	71749	25.48	ug/l	100
64) Tetrachloroethene	9.34	164	86677	26.76	ug/l	99
65) Chlorobenzene	10.14	112	190679	25.77	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	70614	26.27	ug/l	99
67) Ethyl Benzene	10.26	91	311771	25.51	ug/l	99
68) m/p-Xylenes	10.36	106	247167	52.47	ug/l	97
69) o-Xylene	10.70	106	119062	25.96	ug/l	96
70) Styrene	10.71	104	194584	26.11	ug/l	98
71) Bromoform	10.86	173	55185	26.12	ug/l	99
73) Isopropylbenzene	11.02	105	323022	23.49	ug/l	99
74) N-amyl acetate	6.47	43	149129	22.17	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	98508	23.26	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	88184m	23.82	ug/l	
77) Bromobenzene	11.26	156	90548	23.13	ug/l	95
78) n-propylbenzene	11.37	91	359023	22.94	ug/l	98
79) 2-Chlorotoluene	11.42	91	214651	22.65	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	269232	23.25	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	25433	23.30	ug/l	98
82) 4-Chlorotoluene	11.51	91	253412	22.59	ug/l	99
83) tert-Butylbenzene	11.77	119	265957	23.30	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	276956	23.08	ug/l	98
85) sec-Butylbenzene	11.95	105	316755	22.88	ug/l	98
86) p-Isopropyltoluene	12.07	119	285788	22.96	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	162744	22.76	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	166593	22.64	ug/l	99
89) n-Butylbenzene	12.39	91	232055	21.42	ug/l	99
90) Hexachloroethane	12.60	117	41278	22.29	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	166472	23.06	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20552	21.58	ug/l	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
Data File : VX003241.D
Acq On : 09 Jul 2018 12:16
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
7/10/2018 3:11:43 PM

Quant Time: Jul 09 15:12:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 14:57:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	123364	23.48	ug/l	100
94) Hexachlorobutadiene	13.79	225	61133	23.33	ug/l	99
95) Naphthalene	13.84	128	336331	24.04	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	123160	23.47	ug/l	99

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

