

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\
 Data File : VX005874.D
 Acq On : 09 Nov 2018 21:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 9:11:58 AM

Quant Time: Nov 12 01:17:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	106403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	149836	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	125541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	71288	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	61834	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
35) Dibromofluoromethane	5.50	113	50355	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	8.71	98	167316	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	11.14	95	63041	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48431	50.483	ug/l	91
3) Chloromethane	1.32	50	65134	51.734	ug/l	99
4) Vinyl Chloride	1.40	62	61713	48.826	ug/l	94
5) Bromomethane	1.64	94	34445	44.533	ug/l	98
6) Chloroethane	1.71	64	37333	49.503	ug/l	96
7) Trichlorofluoromethane	1.92	101	86089	51.313	ug/l	99
8) Diethyl Ether	2.19	74	34647	52.703	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	46586	48.280	ug/l	97
10) Methyl Iodide	2.51	142	60162	51.445	ug/l	99
11) Tert butyl alcohol	3.07	59	88860	253.584	ug/l	99
12) 1,1-Dichloroethene	2.37	96	47207	50.194	ug/l #	86
13) Acrolein	2.29	56	33542	204.527	ug/l	97
14) Allyl chloride	2.73	41	106174	50.547	ug/l	100
15) Acrylonitrile	3.15	53	193285	266.161	ug/l	99
16) Acetone	2.44	43	172793	262.355	ug/l	91
17) Carbon Disulfide	2.57	76	138753	49.461	ug/l	99
18) Methyl Acetate	2.78	43	100773	57.311	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	171077	53.296	ug/l	95
20) Methylene Chloride	2.85	84	53733	49.666	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	51404	51.820	ug/l	97
22) Diisopropyl ether	3.87	45	190690	51.824	ug/l #	93
23) Vinyl Acetate	3.82	43	874480	277.179	ug/l	99
24) 1,1-Dichloroethane	3.70	63	100600	51.245	ug/l	97
25) 2-Butanone	4.70	43	283152	273.455	ug/l	98
26) 2,2-Dichloropropane	4.58	77	71618	49.733	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	56140	51.254	ug/l	98
28) Bromochloromethane	5.01	49	50470	57.525	ug/l	100
29) Tetrahydrofuran	5.15	42	184188	277.039	ug/l	98
30) Chloroform	5.21	83	97290	51.368	ug/l	100
31) Cyclohexane	5.57	56	86286	50.635	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	83066	52.581	ug/l	99
36) 1,1-Dichloropropene	5.80	75	69410	48.053	ug/l	99
37) Ethyl Acetate	4.85	43	96698	50.907	ug/l	99
38) Carbon Tetrachloride	5.79	117	75597	52.278	ug/l	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\
 Data File : VX005874.D
 Acq On : 09 Nov 2018 21:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 9:11:58 AM

Quant Time: Nov 12 01:17:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	82287	56.207	ug/l	93
40) Benzene	6.14	78	225658	53.589	ug/l	97
41) Methacrylonitrile	5.06	41	54136	52.745	ug/l	99
42) 1,2-Dichloroethane	6.20	62	78867	52.291	ug/l	100
43) Isopropyl Acetate	6.46	43	140884	51.186	ug/l	97
44) Trichloroethene	7.21	130	55013	51.444	ug/l	94
45) 1,2-Dichloropropane	7.52	63	58665	57.399	ug/l	97
46) Dibromomethane	7.66	93	33037	51.511	ug/l	97
47) Bromodichloromethane	7.90	83	72348	59.690	ug/l #	87
48) Methyl methacrylate	7.77	41	68169	55.158	ug/l	98
49) 1,4-Dioxane	7.75	88	29314	1100.737	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	457161	263.545	ug/l	99
52) Toluene	8.79	92	116860	49.655	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	71693	50.122	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	76856	52.717	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	48821	46.547	ug/l	98
56) Ethyl methacrylate	9.18	69	76909	49.007	ug/l	99
57) 1,3-Dichloropropane	9.37	76	82706	46.922	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	227666	265.690	ug/l	97
59) 2-Hexanone	9.49	43	361916	236.697	ug/l	100
60) Dibromochloromethane	9.59	129	53073	46.820	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50896	43.883	ug/l	99
64) Tetrachloroethene	9.34	164	54613	51.095	ug/l	99
65) Chlorobenzene	10.14	112	130811	52.013	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	49519	56.635	ug/l	100
67) Ethyl Benzene	10.25	91	228957	56.773	ug/l	100
68) m/p-Xylenes	10.36	106	176830	114.953	ug/l	99
69) o-Xylene	10.70	106	84902	61.551	ug/l	99
70) Styrene	10.71	104	143312	62.981	ug/l	99
71) Bromoform	10.86	173	43942	59.951	ug/l #	99
73) Isopropylbenzene	11.02	105	233126	56.550	ug/l	100
74) N-amyl acetate	10.90	43	118325	51.125	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	79592	52.600	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	79020m	54.437	ug/l	
77) Bromobenzene	11.26	156	61876	53.251	ug/l	99
78) n-propylbenzene	11.36	91	271977	55.980	ug/l	99
79) 2-Chlorotoluene	11.42	91	161822	55.104	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	199588	56.972	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	24913	54.700	ug/l	97
82) 4-Chlorotoluene	11.51	91	191830	55.427	ug/l	100
83) tert-Butylbenzene	11.77	119	194751	54.950	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	206247	53.355	ug/l	99
85) sec-Butylbenzene	11.94	105	238242	54.970	ug/l	99
86) p-Isopropyltoluene	12.07	119	215309	56.085	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	114640	51.408	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	116304	50.947	ug/l	100
89) n-Butylbenzene	12.39	91	189579	53.283	ug/l	100
90) Hexachloroethane	12.60	117	35554	55.472	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	116089	51.966	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21084	57.100	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\
Data File : VX005874.D
Acq On : 09 Nov 2018 21:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
11/12/2018 9:11:58 AM

Quant Time: Nov 12 01:17:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	85313	54.248	ug/l	100
94) Hexachlorobutadiene	13.78	225	42020	50.866	ug/l	99
95) Naphthalene	13.83	128	268419	52.281	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	88532	55.257	ug/l	100

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

