

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102418\
 Data File : VX005535.D
 Acq On : 24 Oct 2018 11:59
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/26/2018 11:53:10 AM

Quant Time: Oct 25 02:07:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 01:45:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	215637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	310210	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	289053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166709	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	131310	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	5.50	113	107495	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
50) Toluene-d8	8.71	98	398959	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
62) 4-Bromofluorobenzene	11.14	95	149240	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	119706	56.241	ug/l	100
3) Chloromethane	1.32	50	134299	49.546	ug/l	100
4) Vinyl Chloride	1.40	62	137247	51.495	ug/l	100
5) Bromomethane	1.64	94	78837	47.537	ug/l	100
6) Chloroethane	1.71	64	83417	48.993	ug/l	100
7) Trichlorofluoromethane	1.92	101	186621	50.391	ug/l	100
8) Diethyl Ether	2.19	74	73393	49.659	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	106107	49.936	ug/l	100
10) Methyl Iodide	2.51	142	112971	56.268	ug/l	100
11) Tert butyl alcohol	3.08	59	173246	244.582	ug/l	100
12) 1,1-Dichloroethene	2.37	96	100388	49.594	ug/l	100
13) Acrolein	2.29	56	91886	254.302	ug/l	100
14) Allyl chloride	2.72	41	225919	50.009	ug/l	100
15) Acrylonitrile	3.15	53	392843	247.327	ug/l	100
16) Acetone	2.45	43	340449	244.765	ug/l	100
17) Carbon Disulfide	2.57	76	304216	49.303	ug/l	100
18) Methyl Acetate	2.78	43	180585	46.346	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	357230	49.474	ug/l	100
20) Methylene Chloride	2.85	84	111943	48.053	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	107099	48.459	ug/l	100
22) Diisopropyl ether	3.87	45	387238	49.086	ug/l	100
23) Vinyl Acetate	3.82	43	1795914	258.483	ug/l	100
24) 1,1-Dichloroethane	3.69	63	206087	48.049	ug/l	100
25) 2-Butanone	4.70	43	510572	241.052	ug/l	100
26) 2,2-Dichloropropane	4.59	77	160151	48.364	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	115280	48.383	ug/l	100
28) Bromochloromethane	5.01	49	104975	50.603	ug/l	100
29) Tetrahydrofuran	5.15	42	338549	245.608	ug/l	100
30) Chloroform	5.21	83	193913	48.333	ug/l	100
31) Cyclohexane	5.57	56	186029	52.421	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	178852	50.508	ug/l	100
36) 1,1-Dichloropropene	5.79	75	149945	49.808	ug/l	100
37) Ethyl Acetate	4.85	43	188303	49.017	ug/l	100
38) Carbon Tetrachloride	5.78	117	157340	49.623	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102418\
 Data File : VX005535.D
 Acq On : 24 Oct 2018 11:59
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/26/2018 11:53:10 AM

Quant Time: Oct 25 02:07:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 01:45:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	177569	53.416	ug/l	100
40) Benzene	6.14	78	433844	50.273	ug/l	100
41) Methacrylonitrile	5.06	41	107130	50.063	ug/l	100
42) 1,2-Dichloroethane	6.20	62	164342	50.129	ug/l	100
43) Isopropyl Acetate	6.46	43	296099	51.436	ug/l	100
44) Trichloroethene	7.21	130	116919	49.732	ug/l	100
45) 1,2-Dichloropropane	7.52	63	115517	49.789	ug/l	100
46) Dibromomethane	7.66	93	75328	50.269	ug/l	100
47) Bromodichloromethane	7.90	83	147284	50.642	ug/l	100
48) Methyl methacrylate	7.77	41	147437	52.573	ug/l	100
49) 1,4-Dioxane	7.76	88	62681	1022.757	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1001135	258.768	ug/l	100
52) Toluene	8.79	92	271626	51.790	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	167330	53.234	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	180048	53.203	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	110700	50.063	ug/l	100
56) Ethyl methacrylate	9.18	69	176378	53.476	ug/l	100
57) 1,3-Dichloropropane	9.37	76	190096	50.808	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	492926	267.590	ug/l	100
59) 2-Hexanone	9.50	43	805898	264.195	ug/l	100
60) Dibromochloromethane	9.59	129	120329	52.157	ug/l	100
61) 1,2-Dibromoethane	9.67	107	117278	51.267	ug/l	100
64) Tetrachloroethene	9.34	164	120191	50.089	ug/l	100
65) Chlorobenzene	10.14	112	304592	49.485	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	112492	50.122	ug/l	100
67) Ethyl Benzene	10.25	91	530909	52.425	ug/l	100
68) m/p-Xylenes	10.36	106	410520	104.484	ug/l	100
69) o-Xylene	10.70	106	196920	53.272	ug/l	100
70) Styrene	10.71	104	332597	53.748	ug/l	100
71) Bromoform	10.86	173	99475	49.669	ug/l #	100
73) Isopropylbenzene	11.02	105	541161	53.104	ug/l	100
74) N-amyl acetate	10.90	43	266104	52.699	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	184169	48.986	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	174983m	51.224	ug/l	
77) Bromobenzene	11.26	156	141786	49.924	ug/l	100
78) n-propylbenzene	11.36	91	619572	53.170	ug/l	100
79) 2-Chlorotoluene	11.42	91	371558	51.427	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	463132	53.126	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	56448	52.219	ug/l	100
82) 4-Chlorotoluene	11.51	91	440419	51.696	ug/l	100
83) tert-Butylbenzene	11.77	119	456088	52.486	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	474835	53.744	ug/l	100
85) sec-Butylbenzene	11.94	105	550081	53.050	ug/l	100
86) p-Isopropyltoluene	12.07	119	502444	54.205	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	266958	49.987	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	269825	48.303	ug/l	100
89) n-Butylbenzene	12.39	91	444055	53.065	ug/l	100
90) Hexachloroethane	12.60	117	81722	51.118	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	266854	49.388	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45442	49.989	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102418\
Data File : VX005535.D
Acq On : 24 Oct 2018 11:59
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
10/26/2018 11:53:10 AM

Quant Time: Oct 25 02:07:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 01:45:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	201549	51.457	ug/l	100
94) Hexachlorobutadiene	13.79	225	97620	48.094	ug/l	100
95) Naphthalene	13.83	128	624342	54.837	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	207418	52.241	ug/l	100

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

