

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017967.D
 Acq On : 18 Aug 2020 19:21
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 8/19/2020 8:53:50 AM

Quant Time: Aug 19 03:27:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 02:55:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	424061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	670281	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	652339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	352491	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	602035	109.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	219.32%	
35) Dibromofluoromethane	5.47	113	473103	104.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.94%	
50) Toluene-d8	8.70	98	1707197	105.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.30%	
62) 4-Bromofluorobenzene	11.12	95	666367	102.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	664975	137.846	ug/l	96
3) Chloromethane	1.31	50	650538	112.697	ug/l	99
4) Vinyl Chloride	1.39	62	627518	114.440	ug/l	98
5) Bromomethane	1.62	94	354583	111.756	ug/l	99
6) Chloroethane	1.70	64	351213	107.252	ug/l	98
7) Trichlorofluoromethane	1.90	101	968216	112.374	ug/l	100
8) Diethyl Ether	2.17	74	271006	90.948	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	433808	95.278	ug/l	98
10) Methyl Iodide	2.48	142	599783	103.057	ug/l	99
11) Tert butyl alcohol	3.03	59	607481	535.635	ug/l	100
12) 1,1-Dichloroethene	2.35	96	400551	93.514	ug/l	98
13) Acrolein	2.28	56	337097	453.169	ug/l	99
14) Allyl chloride	2.70	41	699117	90.615	ug/l	99
15) Acrylonitrile	3.12	53	1301793	527.888	ug/l	99
16) Acetone	2.43	43	1315222	546.748	ug/l	99
17) Carbon Disulfide	2.54	76	984532	76.995	ug/l	99
18) Methyl Acetate	2.75	43	634146	112.235	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1558655	103.878	ug/l	99
20) Methylene Chloride	2.83	84	440972	85.629	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	388339	85.204	ug/l	98
22) Diisopropyl ether	3.83	45	1563427	106.673	ug/l	99
23) Vinyl Acetate	3.79	43	5978234	473.842	ug/l	99
24) 1,1-Dichloroethane	3.67	63	780726	93.042	ug/l	98
25) 2-Butanone	4.64	43	2120589	615.834	ug/l	97
26) 2,2-Dichloropropane	4.55	77	754496	99.942	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	494662	97.776	ug/l	99
28) Bromochloromethane	4.99	49	406984	105.374	ug/l	98
29) Tetrahydrofuran	5.09	42	1269783	592.686	ug/l	99
30) Chloroform	5.18	83	916627	106.019	ug/l	98
31) Cyclohexane	5.55	56	727605	106.590	ug/l	94
32) 1,1,1-Trichloroethane	5.47	97	813523	100.091	ug/l	99
36) 1,1-Dichloropropene	5.77	75	599875	93.950	ug/l	99
37) Ethyl Acetate	4.80	43	675800	98.364	ug/l	99
38) Carbon Tetrachloride	5.76	117	764915	97.633	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX081920\
 Data File : VX017967.D
 Acq On : 18 Aug 2020 19:21
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 8/19/2020 8:53:50 AM

Quant Time: Aug 19 03:27:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 02:55:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	786108	104.330	ug/l	97
40) Benzene	6.12	78	1723160	94.393	ug/l	100
41) Methacrylonitrile	5.01	41	426952	106.347	ug/l	98
42) 1,2-Dichloroethane	6.17	62	726223	96.968	ug/l	100
43) Isopropyl Acetate	6.42	43	1127142	100.265	ug/l	99
44) Trichloroethene	7.19	130	514181	95.720	ug/l	98
45) 1,2-Dichloropropane	7.49	63	494037	96.277	ug/l	99
46) Dibromomethane	7.64	93	338072	93.422	ug/l	98
47) Bromodichloromethane	7.88	83	735664	99.113	ug/l	98
48) Methyl methacrylate	7.75	41	579290	100.188	ug/l	99
49) 1,4-Dioxane	7.71	88	244813	2200.966	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	3685092	530.018	ug/l	99
52) Toluene	8.77	92	1136268	96.451	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	818613	101.887	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	817722	99.303	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	497857	100.668	ug/l	97
56) Ethyl methacrylate	9.16	69	781410	106.275	ug/l	98
57) 1,3-Dichloropropane	9.35	76	797470	98.433	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1900454	499.461	ug/l	100
59) 2-Hexanone	9.48	43	2901639	557.613	ug/l	99
60) Dibromochloromethane	9.57	129	667080	106.742	ug/l	99
61) 1,2-Dibromoethane	9.65	107	576664	108.588	ug/l	99
64) Tetrachloroethene	9.32	164	502939	87.921	ug/l	96
65) Chlorobenzene	10.12	112	1363021	97.721	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	567287	100.277	ug/l	99
67) Ethyl Benzene	10.24	91	2377096	102.612	ug/l	98
68) m/p-Xylenes	10.34	106	1806233	202.786	ug/l	98
69) o-Xylene	10.68	106	910853	105.845	ug/l	97
70) Styrene	10.70	104	1567142	106.802	ug/l	98
71) Bromoform	10.84	173	514023	105.213	ug/l #	99
73) Isopropylbenzene	11.00	105	2428687	100.967	ug/l	100
74) N-amyl acetate	10.88	43	1067401	101.274	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	762581	99.713	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	785169m	108.091	ug/l	
77) Bromobenzene	11.24	156	653590	97.135	ug/l	97
78) n-propylbenzene	11.35	91	3116912	114.377	ug/l	99
79) 2-Chlorotoluene	11.41	91	1832921	108.746	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	2234526	109.135	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	299175	103.671	ug/l	98
82) 4-Chlorotoluene	11.49	91	2069128	104.817	ug/l	100
83) tert-Butylbenzene	11.76	119	2078236	106.512	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2196618	106.155	ug/l	98
85) sec-Butylbenzene	11.93	105	2534517	110.642	ug/l	100
86) p-Isopropyltoluene	12.05	119	2389236	109.839	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1255874	109.301	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	1172999	98.286	ug/l	99
89) n-Butylbenzene	12.37	91	1930362	100.240	ug/l	99
90) Hexachloroethane	12.58	117	442613	102.714	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	1097912	96.773	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	224375	107.665	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
Data File : VX017967.D
Acq On : 18 Aug 2020 19:21
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

MMDadoda
8/19/2020 8:53:50 AM

Quant Time: Aug 19 03:27:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 02:55:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	769136	101.415	ug/l	98
94) Hexachlorobutadiene	13.77	225	305912	87.798	ug/l	94
95) Naphthalene	13.82	128	2505016	109.838	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	767985	101.358	ug/l	99

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

