

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112320\
 Data File : VX019564.D
 Acq On : 23 Nov 2020 20:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 3:00:01 PM

Quant Time: Nov 24 04:51:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	289266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	482000	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	421843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	208628	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	179679	47.91	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.82%
35) Dibromofluoromethane	5.46	113	149106	49.28	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.56%
50) Toluene-d8	8.70	98	552218	46.97	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.94%
62) 4-Bromofluorobenzene	11.12	95	205031	48.47	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.94%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	135797	48.275	ug/l	99
3) Chloromethane	1.31	50	139931	43.350	ug/l	97
4) Vinyl Chloride	1.39	62	163851	47.154	ug/l	99
5) Bromomethane	1.62	94	56224	42.718	ug/l	99
6) Chloroethane	1.69	64	39469	46.314	ug/l	97
7) Trichlorofluoromethane	1.90	101	243554	48.563	ug/l	97
8) Diethyl Ether	2.17	74	100608	50.089	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	137252	49.054	ug/l	99
10) Methyl Iodide	2.48	142	178403	48.535	ug/l	100
11) Tert butyl alcohol	3.05	59	189558	267.059	ug/l	100
12) 1,1-Dichloroethene	2.34	96	139410	48.544	ug/l	97
13) Acrolein	2.28	56	101702	213.157	ug/l	99
14) Allyl chloride	2.70	41	212420	47.216	ug/l	98
15) Acrylonitrile	3.12	53	412498	246.421	ug/l	100
16) Acetone	2.43	43	331123	228.295	ug/l	98
17) Carbon Disulfide	2.54	76	350917	45.484	ug/l	99
18) Methyl Acetate	2.75	43	177292	49.855	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	519488	52.405	ug/l	98
20) Methylene Chloride	2.83	84	164325	45.329	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	161663	49.685	ug/l	99
22) Diisopropyl ether	3.83	45	461971	49.638	ug/l	93
23) Vinyl Acetate	3.79	43	2005451	256.896	ug/l	99
24) 1,1-Dichloroethane	3.67	63	281724	49.490	ug/l	100
25) 2-Butanone	4.64	43	529741	243.134	ug/l	98
26) 2,2-Dichloropropane	4.55	77	222335	44.746	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	205117	54.880	ug/l	98
28) Bromochloromethane	4.98	49	116678	42.871	ug/l	95
29) Tetrahydrofuran	5.09	42	343097	246.801	ug/l	98
30) Chloroform	5.17	83	297419	49.966	ug/l	97
31) Cyclohexane	5.54	56	234563	48.085	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	263563	51.546	ug/l	99
36) 1,1-Dichloropropene	5.76	75	217899	48.221	ug/l	98
37) Ethyl Acetate	4.80	43	212434	50.077	ug/l	99
38) Carbon Tetrachloride	5.75	117	224171	51.253	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019564.D
 Acq On : 23 Nov 2020 20:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 3:00:01 PM

Quant Time: Nov 24 04:51:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	249711	47.461	ug/l	98
40) Benzene	6.11	78	668773	48.169	ug/l	100
41) Methacrylonitrile	5.01	41	112478	48.081	ug/l	96
42) 1,2-Dichloroethane	6.16	62	232685	48.896	ug/l	100
43) Isopropyl Acetate	6.42	43	348546	48.877	ug/l	99
44) Trichloroethene	7.18	130	306930	84.397	ug/l	93
45) 1,2-Dichloropropane	7.49	63	164161	48.029	ug/l	100
46) Dibromomethane	7.63	93	114656	49.012	ug/l	100
47) Bromodichloromethane	7.87	83	228032	50.234	ug/l	98
48) Methyl methacrylate	7.74	41	167603	50.185	ug/l	98
49) 1,4-Dioxane	7.72	88	82150	1083.362	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1046995	251.780	ug/l	99
52) Toluene	8.76	92	410264	48.303	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	246710	50.324	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	270399	49.701	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	169686	49.055	ug/l	99
56) Ethyl methacrylate	9.16	69	257691	52.648	ug/l	98
57) 1,3-Dichloropropane	9.35	76	282167	48.723	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	671302	234.064	ug/l	98
59) 2-Hexanone	9.48	43	797670	252.924	ug/l	99
60) Dibromochloromethane	9.56	129	174219	51.420	ug/l	100
61) 1,2-Dibromoethane	9.65	107	177167	49.688	ug/l	99
64) Tetrachloroethene	9.32	164	148911	44.908	ug/l	95
65) Chlorobenzene	10.12	112	427670	49.309	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	165450	52.444	ug/l	98
67) Ethyl Benzene	10.23	91	768884	50.604	ug/l	98
68) m/p-Xylenes	10.34	106	577871	102.084	ug/l	99
69) o-Xylene	10.68	106	284637	52.601	ug/l	99
70) Styrene	10.70	104	481073	48.092	ug/l	100
71) Bromoform	10.84	173	128463	48.208	ug/l	99
73) Isopropylbenzene	11.00	105	746837	51.747	ug/l	99
74) N-amyl acetate	10.88	43	298543	55.203	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	262592	50.878	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	233254m	51.231	ug/l	
77) Bromobenzene	11.24	156	191925	52.092	ug/l	95
78) n-propylbenzene	11.34	91	834283	50.389	ug/l	99
79) 2-Chlorotoluene	11.40	91	515850	51.374	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	633561	52.330	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	82314	48.930	ug/l	100
82) 4-Chlorotoluene	11.49	91	596072	50.427	ug/l	100
83) tert-Butylbenzene	11.76	119	623968	53.271	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	648358	52.927	ug/l	99
85) sec-Butylbenzene	11.93	105	700094	50.242	ug/l	99
86) p-Isopropyltoluene	12.05	119	649622	51.348	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	336562	49.741	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	344071	49.367	ug/l	99
89) n-Butylbenzene	12.37	91	556391	48.646	ug/l	100
90) Hexachloroethane	12.58	117	109269	51.615	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	345977	50.910	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57544	54.651	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
Data File : VX019564.D
Acq On : 23 Nov 2020 20:33
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
11/24/2020 3:00:01 PM

Quant Time: Nov 24 04:51:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	221417	50.748	ug/l	99
94) Hexachlorobutadiene	13.76	225	87146	43.846	ug/l	98
95) Naphthalene	13.82	128	756180	49.177	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	217735	49.891	ug/l	96

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

