

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042420\
 Data File : VX015925.D
 Acq On : 24 Apr 2020 11:27
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 4/27/2020 11:37:06 AM

Quant Time: Apr 24 12:55:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 12:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	151682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	277319	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	260157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	123954	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	10996	5.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.40%	
35) Dibromofluoromethane	5.48	113	7857	5.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.18%	
50) Toluene-d8	8.70	98	32777	5.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.52%	
62) 4-Bromofluorobenzene	11.12	95	13445	5.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.16%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	7942	4.983	ug/l	96
3) Chloromethane	1.31	50	8300	5.059	ug/l	99
4) Vinyl Chloride	1.39	62	11019	5.193	ug/l	99
5) Bromomethane	1.62	94	4144	4.369	ug/l	99
6) Chloroethane	1.71	64	6965	5.342	ug/l	99
7) Trichlorofluoromethane	1.92	101	13182	5.185	ug/l	95
8) Diethyl Ether	2.17	74	6385	5.227	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	8577	5.364	ug/l	99
10) Methyl Iodide	2.50	142	6775	4.437	ug/l	97
11) Tert butyl alcohol	3.01	59	10984	25.087	ug/l	99
12) 1,1-Dichloroethene	2.36	96	8830	5.278	ug/l	99
13) Acrolein	2.28	56	8218	28.399	ug/l	98
14) Allyl chloride	2.71	41	15827	5.314	ug/l	99
15) Acrylonitrile	3.12	53	25318	26.201	ug/l	99
16) Acetone	2.42	43	20078	25.596	ug/l	99
17) Carbon Disulfide	2.55	76	27183	5.073	ug/l	99
18) Methyl Acetate	2.75	43	12273	5.223	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	31185	5.228	ug/l	98
20) Methylene Chloride	2.84	84	10186	5.247	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	9843	5.267	ug/l	97
22) Diisopropyl ether	3.83	45	30825	5.262	ug/l	92
23) Vinyl Acetate	3.79	43	125185	26.339	ug/l	99
24) 1,1-Dichloroethane	3.67	63	17598	5.279	ug/l	98
25) 2-Butanone	4.64	43	32285	25.697	ug/l	97
26) 2,2-Dichloropropane	4.56	77	16149	5.428	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	11013	5.179	ug/l	99
28) Bromochloromethane	4.98	49	7846	5.277	ug/l	100
29) Tetrahydrofuran	5.10	42	21499	25.749	ug/l	98
30) Chloroform	5.18	83	17358	5.268	ug/l	94
31) Cyclohexane	5.55	56	16322	5.385	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	15536	5.199	ug/l	98
36) 1,1-Dichloropropene	5.78	75	13503	5.147	ug/l	97
37) Ethyl Acetate	4.79	43	13470	5.129	ug/l	98
38) Carbon Tetrachloride	5.76	117	12551	5.306	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042420\
 Data File : VX015925.D
 Acq On : 24 Apr 2020 11:27
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 4/27/2020 11:37:06 AM

Quant Time: Apr 24 12:55:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 12:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	17296	5.476	ug/l	98
40) Benzene	6.11	78	40337	5.300	ug/l	97
41) Methacrylonitrile	5.01	41	7573	5.027	ug/l	98
42) 1,2-Dichloroethane	6.17	62	13979	5.240	ug/l	98
43) Isopropyl Acetate	6.42	43	22144	5.220	ug/l	99
44) Trichloroethene	7.19	130	12684	5.363	ug/l	97
45) 1,2-Dichloropropane	7.49	63	10271	5.285	ug/l	98
46) Dibromomethane	7.64	93	6839	5.253	ug/l	98
47) Bromodichloromethane	7.88	83	13694	5.247	ug/l	96
48) Methyl methacrylate	7.75	41	11065	5.294	ug/l	95
49) 1,4-Dioxane	7.72	88	4793	105.513	ug/l #	95
51) 4-Methyl-2-Pentanone	8.62	43	64774	26.423	ug/l	98
52) Toluene	8.77	92	26045	5.401	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	16723	5.299	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	17638	5.347	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	10337	5.353	ug/l	95
56) Ethyl methacrylate	9.16	69	15652	5.200	ug/l	96
57) 1,3-Dichloropropane	9.35	76	17527	5.347	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	39778	26.580	ug/l	100
59) 2-Hexanone	9.48	43	48257	26.202	ug/l	100
60) Dibromochloromethane	9.57	129	9831	5.323	ug/l	99
61) 1,2-Dibromoethane	9.65	107	10426	5.269	ug/l	98
64) Tetrachloroethene	9.32	164	14151	5.478	ug/l	98
65) Chlorobenzene	10.12	112	27101	5.353	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	9470	5.336	ug/l	97
67) Ethyl Benzene	10.24	91	49750	5.310	ug/l	97
68) m/p-Xylenes	10.34	106	36426	10.684	ug/l	98
69) o-Xylene	10.68	106	17690	5.326	ug/l	100
70) Styrene	10.70	104	29097	5.195	ug/l	97
71) Bromoform	10.84	173	5858	5.184	ug/l #	98
73) Isopropylbenzene	11.01	105	47509	5.238	ug/l	99
74) N-amyl acetate	10.88	43	19594	5.091	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	10430	5.281	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	13737m	4.238	ug/l	
77) Bromobenzene	11.24	156	10606	5.210	ug/l	99
78) n-propylbenzene	11.34	91	56012	5.252	ug/l	99
79) 2-Chlorotoluene	11.40	91	32684	5.257	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	40482	5.328	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	5427	5.135	ug/l	96
82) 4-Chlorotoluene	11.49	91	39736	5.350	ug/l	99
83) tert-Butylbenzene	11.76	119	34030	5.295	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	41118	5.272	ug/l	97
85) sec-Butylbenzene	11.93	105	46387	5.316	ug/l	99
86) p-Isopropyltoluene	12.05	119	42515	5.346	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	19881	5.308	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	20467	5.385	ug/l	94
89) n-Butylbenzene	12.37	91	39735	5.332	ug/l	99
90) Hexachloroethane	12.58	117	6183	5.235	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	19291	5.279	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	3273	5.138	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042420\
Data File : VX015925.D
Acq On : 24 Apr 2020 11:27
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

MMDadoda
4/27/2020 11:37:06 AM

Quant Time: Apr 24 12:55:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 24 12:30:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	12145	5.239	ug/l	97
94) Hexachlorobutadiene	13.77	225	4434	5.364	ug/l	96
95) Naphthalene	13.82	128	42985	5.140	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	11893	5.433	ug/l	96

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

