

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010502.D
 Acq On : 27 Jun 2019 20:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/28/2019 10:38:45 AM

Quant Time: Jun 28 07:54:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	258721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	383457	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	347726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178222	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	123294	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
35) Dibromofluoromethane	5.49	113	119861	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
50) Toluene-d8	8.71	98	451338	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.13	95	160949	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	80388	44.692	ug/l	99
3) Chloromethane	1.32	50	90647	43.279	ug/l	98
4) Vinyl Chloride	1.41	62	102812	44.816	ug/l	100
5) Bromomethane	1.64	94	55140	49.336	ug/l	98
6) Chloroethane	1.71	64	65128	48.119	ug/l	98
7) Trichlorofluoromethane	1.92	101	183031	50.329	ug/l	99
8) Diethyl Ether	2.19	74	65925	50.550	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	105706	47.964	ug/l	99
10) Methyl Iodide	2.51	142	155331	49.387	ug/l	98
11) Tert butyl alcohol	3.05	59	141303	222.614	ug/l	97
12) 1,1-Dichloroethene	2.37	96	104451	46.577	ug/l	98
13) Acrolein	2.29	56	74710	177.428	ug/l	99
14) Allyl chloride	2.73	41	155777	48.929	ug/l	99
15) Acrylonitrile	3.14	53	315863	251.339	ug/l	99
16) Acetone	2.45	43	265495	218.385	ug/l	100
17) Carbon Disulfide	2.57	76	249211	41.422	ug/l	100
18) Methyl Acetate	2.78	43	122956	50.745	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	354986	50.318	ug/l	98
20) Methylene Chloride	2.85	84	120342	48.101	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	114413	47.437	ug/l	97
22) Diisopropyl ether	3.86	45	333483	50.099	ug/l	88
23) Vinyl Acetate	3.82	43	1472136	256.001	ug/l	100
24) 1,1-Dichloroethane	3.70	63	191672	49.815	ug/l	100
25) 2-Butanone	4.67	43	434397	243.590	ug/l	98
26) 2,2-Dichloropropane	4.59	77	146851	43.935	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	138730	49.776	ug/l	98
28) Bromochloromethane	5.01	49	88166	47.925	ug/l	100
29) Tetrahydrofuran	5.13	42	279413	252.955	ug/l	100
30) Chloroform	5.21	83	206611	49.907	ug/l	99
31) Cyclohexane	5.58	56	165456	47.221	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	181066	49.532	ug/l	99
36) 1,1-Dichloropropene	5.80	75	145821	47.855	ug/l	100
37) Ethyl Acetate	4.84	43	163813	52.256	ug/l	99
38) Carbon Tetrachloride	5.79	117	162572	49.269	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010502.D
 Acq On : 27 Jun 2019 20:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/28/2019 10:38:45 AM

Quant Time: Jun 28 07:54:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	186415	46.541	ug/l	99
40) Benzene	6.14	78	469958	49.504	ug/l	100
41) Methacrylonitrile	5.04	41	86405	50.235	ug/l	98
42) 1,2-Dichloroethane	6.20	62	151331	52.368	ug/l	98
43) Isopropyl Acetate	6.45	43	267496	51.576	ug/l	99
44) Trichloroethene	7.21	130	139617	49.150	ug/l	98
45) 1,2-Dichloropropane	7.51	63	119076	49.670	ug/l	94
46) Dibromomethane	7.66	93	87228	50.713	ug/l	99
47) Bromodichloromethane	7.90	83	160481	50.911	ug/l	100
48) Methyl methacrylate	7.77	41	124088	51.473	ug/l	99
49) 1,4-Dioxane	7.74	88	69664	1003.121	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	851700	256.763	ug/l	99
52) Toluene	8.79	92	306701	49.059	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	174186	49.288	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	191319	49.816	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	131642	51.057	ug/l	99
56) Ethyl methacrylate	9.18	69	197377	50.534	ug/l	98
57) 1,3-Dichloropropane	9.37	76	204380	51.065	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	437138	235.655	ug/l	99
59) 2-Hexanone	9.49	43	649479	248.781	ug/l	99
60) Dibromochloromethane	9.58	129	146914	50.890	ug/l	100
61) 1,2-Dibromoethane	9.67	107	142022	51.032	ug/l	100
64) Tetrachloroethene	9.34	164	136463	48.520	ug/l	99
65) Chlorobenzene	10.13	112	348903	49.423	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	131548	51.157	ug/l	98
67) Ethyl Benzene	10.25	91	596298	50.033	ug/l	100
68) m/p-Xylenes	10.36	106	458678	99.326	ug/l	100
69) o-Xylene	10.69	106	223652	49.248	ug/l	99
70) Styrene	10.71	104	386238	50.714	ug/l	99
71) Bromoform	10.85	173	112213	50.181	ug/l	98
73) Isopropylbenzene	11.02	105	598439	49.535	ug/l	99
74) N-amyl acetate	10.90	43	234164	51.287	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	199535	49.871	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	161589m	49.755	ug/l	
77) Bromobenzene	11.26	156	164203	48.675	ug/l	99
78) n-propylbenzene	11.36	91	655149	49.342	ug/l	100
79) 2-Chlorotoluene	11.42	91	386793	48.920	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	491777	49.377	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62420	44.838	ug/l	97
82) 4-Chlorotoluene	11.51	91	442178	49.148	ug/l	98
83) tert-Butylbenzene	11.77	119	494524	49.471	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	504060	50.375	ug/l	99
85) sec-Butylbenzene	11.94	105	586231	49.947	ug/l	99
86) p-Isopropyltoluene	12.06	119	537709	49.530	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	285793	48.534	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	285969	47.703	ug/l	100
89) n-Butylbenzene	12.38	91	453674	49.178	ug/l	100
90) Hexachloroethane	12.60	117	93174	49.635	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	282107	48.203	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41355	47.940	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
Data File : VX010502.D
Acq On : 27 Jun 2019 20:23
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
6/28/2019 10:38:45 AM

Quant Time: Jun 28 07:54:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	199577	49.174	ug/l	99
94) Hexachlorobutadiene	13.78	225	96396	48.597	ug/l	98
95) Naphthalene	13.83	128	629968	50.509	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	199722	49.494	ug/l	99

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

