

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061319\
 Data File : VX010271.D
 Acq On : 13 Jun 2019 14:39
 Operator : JC/SP
 Sample : VX0613WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/14/2019 9:17:29 AM

Quant Time: Jun 14 03:51:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	284579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	423666	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	384059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196618	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	137017	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
35) Dibromofluoromethane	5.50	113	135523	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
50) Toluene-d8	8.71	98	513855	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
62) 4-Bromofluorobenzene	11.13	95	182194	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	51996	19.857	ug/l	98
3) Chloromethane	1.33	50	48790	18.762	ug/l	100
4) Vinyl Chloride	1.41	62	52274	21.388	ug/l	97
5) Bromomethane	1.64	94	25913	28.096	ug/l	98
6) Chloroethane	1.72	64	31429	25.505	ug/l	95
7) Trichlorofluoromethane	1.93	101	81788	22.528	ug/l	99
8) Diethyl Ether	2.19	74	29219	23.350	ug/l	76
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46533	18.594	ug/l	91
10) Methyl Iodide	2.51	142	65307	16.843	ug/l	99
11) Tert butyl alcohol	3.04	59	75025	110.252	ug/l	98
12) 1,1-Dichloroethene	2.37	96	47108	18.429	ug/l #	78
13) Acrolein	2.29	56	10669	85.985	ug/l	98
14) Allyl chloride	2.73	41	68047	17.636	ug/l #	87
15) Acrylonitrile	3.14	53	136977	98.481	ug/l	99
16) Acetone	2.44	43	115587	88.469	ug/l #	85
17) Carbon Disulfide	2.57	76	117804	15.950	ug/l	99
18) Methyl Acetate	2.78	43	59036	20.546	ug/l #	84
19) Methyl tert-butyl Ether	3.20	73	154559	18.821	ug/l	92
20) Methylene Chloride	2.85	84	53272	18.566	ug/l #	77
21) trans-1,2-Dichloroethene	3.17	96	50453	17.836	ug/l #	79
22) Diisopropyl ether	3.85	45	143327	19.429	ug/l #	90
23) Vinyl Acetate	3.81	43	621694	94.466	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	82748	18.475	ug/l #	94
25) 2-Butanone	4.67	43	190551	97.943	ug/l #	82
26) 2,2-Dichloropropane	4.58	77	63606	15.566	ug/l	90
27) cis-1,2-Dichloroethene	4.60	96	61023	19.391	ug/l	75
28) Bromochloromethane	5.01	49	34392	17.133	ug/l #	50
29) Tetrahydrofuran	5.13	42	120381	98.457	ug/l #	75
30) Chloroform	5.21	83	88091	18.938	ug/l	97
31) Cyclohexane	5.58	56	74706	18.481	ug/l #	78
32) 1,1,1-Trichloroethane	5.49	97	79283	18.130	ug/l #	93
36) 1,1-Dichloropropene	5.80	75	61312	17.738	ug/l	90
37) Ethyl Acetate	4.84	43	69104	19.215	ug/l #	92
38) Carbon Tetrachloride	5.79	117	71877	18.372	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061319\
 Data File : VX010271.D
 Acq On : 13 Jun 2019 14:39
 Operator : JC/SP
 Sample : VX0613WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/14/2019 9:17:29 AM

Quant Time: Jun 14 03:51:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	83096	17.655	ug/l #	82
40) Benzene	6.14	78	203997	19.086	ug/l	98
41) Methacrylonitrile	5.04	41	37877	19.470	ug/l #	82
42) 1,2-Dichloroethane	6.20	62	64547	18.917	ug/l	92
43) Isopropyl Acetate	6.44	43	112826	18.763	ug/l #	89
44) Trichloroethene	7.21	130	61141	18.978	ug/l	85
45) 1,2-Dichloropropane	7.51	63	51709	19.329	ug/l	97
46) Dibromomethane	7.66	93	37627	18.774	ug/l	90
47) Bromodichloromethane	7.90	83	68681	18.340	ug/l #	96
48) Methyl methacrylate	7.77	41	52512	18.673	ug/l #	77
49) 1,4-Dioxane	7.74	88	32599	406.585	ug/l #	78
51) 4-Methyl-2-Pentanone	8.64	43	368438	102.566	ug/l	90
52) Toluene	8.78	92	133909	19.060	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	73555	16.981	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	82345	17.732	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	55781	19.386	ug/l	96
56) Ethyl methacrylate	9.18	69	84853	18.669	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	87035	19.213	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	203302	94.880	ug/l #	86
59) 2-Hexanone	9.49	43	289638	101.127	ug/l	88
60) Dibromochloromethane	9.58	129	63307	18.601	ug/l	98
61) 1,2-Dibromoethane	9.67	107	60431	18.857	ug/l	100
64) Tetrachloroethene	9.34	164	60120	21.076	ug/l	96
65) Chlorobenzene	10.13	112	152435	19.231	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	57491	18.860	ug/l	99
67) Ethyl Benzene	10.25	91	254105	18.831	ug/l	92
68) m/p-Xylenes	10.36	106	199294	38.166	ug/l	89
69) o-Xylene	10.69	106	99433	19.156	ug/l	88
70) Styrene	10.71	104	165326	18.806	ug/l	95
71) Bromoform	10.85	173	49174	17.548	ug/l #	100
73) Isopropylbenzene	11.02	105	260523	18.981	ug/l	96
74) N-amyl acetate	10.90	43	100656	18.552	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	88261	18.786	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	73291m	18.636	ug/l	
77) Bromobenzene	11.26	156	70893	18.783	ug/l	81
78) n-propylbenzene	11.36	91	282134	18.464	ug/l	94
79) 2-Chlorotoluene	11.42	91	166705	18.165	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	214817	18.582	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	28065	15.767	ug/l	86
82) 4-Chlorotoluene	11.51	91	191542	18.373	ug/l	90
83) tert-Butylbenzene	11.77	119	214577	18.339	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	216163	18.512	ug/l	95
85) sec-Butylbenzene	11.94	105	251015	18.414	ug/l	96
86) p-Isopropyltoluene	12.06	119	230687	18.511	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	125139	18.823	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	124853	18.630	ug/l	98
89) n-Butylbenzene	12.38	91	192029	17.901	ug/l	97
90) Hexachloroethane	12.59	117	42018	16.926	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	127004	19.650	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19134	17.307	ug/l	66

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061319\
Data File : VX010271.D
Acq On : 13 Jun 2019 14:39
Operator : JC/SP
Sample : VX0613WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBS01

Manual Integrations
APPROVED

MMDadoda
6/14/2019 9:17:29 AM

Quant Time: Jun 14 03:51:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	85739	18.122	ug/l	98
94) Hexachlorobutadiene	13.78	225	41220	19.591	ug/l	99
95) Naphthalene	13.83	128	278331	18.689	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	88365	18.890	ug/l	99

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

