

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041619\
 Data File : VX008979.D
 Acq On : 16 Apr 2019 11:59
 Operator : JC/SP
 Sample : VX0416WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/17/2019 9:58:52 AM

Quant Time: Apr 17 05:04:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 09:35:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	215408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	346786	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	308951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146206	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	148472	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
35) Dibromofluoromethane	5.50	113	109000	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
50) Toluene-d8	8.71	98	453758	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	11.13	95	160783	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	54646	22.025	ug/l	100
3) Chloromethane	1.32	50	66632	21.875	ug/l	98
4) Vinyl Chloride	1.41	62	61553	20.762	ug/l	97
5) Bromomethane	1.64	94	34570	21.036	ug/l	99
6) Chloroethane	1.72	64	37219	21.350	ug/l	96
7) Trichlorofluoromethane	1.93	101	69354	20.037	ug/l	98
8) Diethyl Ether	2.18	74	32320	20.417	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43929	19.849	ug/l	100
10) Methyl Iodide	2.51	142	45043	21.386	ug/l	100
11) Tert butyl alcohol	3.04	59	71813	106.572	ug/l	100
12) 1,1-Dichloroethene	2.37	96	45803	19.828	ug/l	99
13) Acrolein	2.29	56	52920	90.892	ug/l	100
14) Allyl chloride	2.73	41	104273	20.690	ug/l	99
15) Acrylonitrile	3.14	53	179274	104.805	ug/l	100
16) Acetone	2.44	43	157336	99.944	ug/l	99
17) Carbon Disulfide	2.57	76	133668	20.451	ug/l	99
18) Methyl Acetate	2.77	43	77982	19.848	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	169017	20.535	ug/l	100
20) Methylene Chloride	2.85	84	53879	20.013	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	48736	19.780	ug/l	99
22) Diisopropyl ether	3.85	45	206034	21.039	ug/l	96
23) Vinyl Acetate	3.81	43	912189	105.964	ug/l	98
24) 1,1-Dichloroethane	3.70	63	99085	20.156	ug/l	99
25) 2-Butanone	4.67	43	262437	104.293	ug/l	98
26) 2,2-Dichloropropane	4.58	77	72869	19.775	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	56359	20.147	ug/l	100
28) Bromochloromethane	5.01	49	44319	20.569	ug/l	100
29) Tetrahydrofuran	5.13	42	174569	103.649	ug/l	99
30) Chloroform	5.21	83	89698	20.390	ug/l	98
31) Cyclohexane	5.58	56	98868	20.448	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	74663	20.478	ug/l	99
36) 1,1-Dichloropropene	5.80	75	69932	19.499	ug/l	100
37) Ethyl Acetate	4.84	43	95322	20.655	ug/l	98
38) Carbon Tetrachloride	5.79	117	61561	20.247	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041619\
 Data File : VX008979.D
 Acq On : 16 Apr 2019 11:59
 Operator : JC/SP
 Sample : VX0416WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0416WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/17/2019 9:58:52 AM

Quant Time: Apr 17 05:04:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 09:35:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	88197	20.197	ug/l	99
40) Benzene	6.14	78	215085	20.328	ug/l	99
41) Methacrylonitrile	5.04	41	55470	20.942	ug/l	97
42) 1,2-Dichloroethane	6.19	62	77122	20.577	ug/l	99
43) Isopropyl Acetate	6.44	43	153673	20.663	ug/l	99
44) Trichloroethene	7.21	130	51130	19.723	ug/l	96
45) 1,2-Dichloropropane	7.51	63	61233	20.861	ug/l	97
46) Dibromomethane	7.66	93	34729	20.330	ug/l	98
47) Bromodichloromethane	7.90	83	66856	19.954	ug/l	98
48) Methyl methacrylate	7.77	41	77396	21.061	ug/l	99
49) 1,4-Dioxane	7.74	88	29336	426.518	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	509588	107.553	ug/l	100
52) Toluene	8.78	92	131117	20.677	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	78469	20.350	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	86796	20.103	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	52155	20.753	ug/l	98
56) Ethyl methacrylate	9.18	69	95430	21.177	ug/l	99
57) 1,3-Dichloropropane	9.37	76	93164	20.820	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	244239	100.648	ug/l	99
59) 2-Hexanone	9.49	43	395316	108.219	ug/l	99
60) Dibromochloromethane	9.58	129	49382	20.502	ug/l	99
61) 1,2-Dibromoethane	9.67	107	53498	20.625	ug/l	99
64) Tetrachloroethene	9.34	164	48038	20.467	ug/l	98
65) Chlorobenzene	10.13	112	133495	20.471	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	47106	20.505	ug/l	98
67) Ethyl Benzene	10.25	91	245930	20.630	ug/l	99
68) m/p-Xylenes	10.36	106	178453	41.191	ug/l	99
69) o-Xylene	10.69	106	87268	20.702	ug/l	99
70) Styrene	10.71	104	151396	20.725	ug/l	99
71) Bromoform	10.85	173	36210	19.784	ug/l #	96
73) Isopropylbenzene	11.02	105	233290	21.051	ug/l	100
74) N-amyl acetate	10.90	43	134891	21.199	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	83845	20.706	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	74606m	20.898	ug/l	
77) Bromobenzene	11.26	156	57275	20.484	ug/l	99
78) n-propylbenzene	11.36	91	265584	20.879	ug/l	100
79) 2-Chlorotoluene	11.42	91	160288	20.912	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	195139	20.983	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	27556	19.816	ug/l	93
82) 4-Chlorotoluene	11.51	91	183152	20.574	ug/l	100
83) tert-Butylbenzene	11.77	119	183389	20.540	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	196096	20.715	ug/l	99
85) sec-Butylbenzene	11.94	105	221261	20.778	ug/l	100
86) p-Isopropyltoluene	12.06	119	202291	20.662	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	98420	20.111	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	98403	19.836	ug/l	99
89) n-Butylbenzene	12.38	91	184170	20.199	ug/l	100
90) Hexachloroethane	12.60	117	31851	19.723	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	97928	20.264	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18083	19.614	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041619\
Data File : VX008979.D
Acq On : 16 Apr 2019 11:59
Operator : JC/SP
Sample : VX0416WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Manual Integrations
APPROVED

MMDadoda
4/17/2019 9:58:52 AM

Quant Time: Apr 17 05:04:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 09:35:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	68654	19.680	ug/l	99
94) Hexachlorobutadiene	13.78	225	35187	20.224	ug/l	99
95) Naphthalene	13.83	128	221863	19.851	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	67623	19.647	ug/l	100

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

