

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042319\
 Data File : VX009113.D
 Acq On : 23 Apr 2019 12:10
 Operator : JC/SP
 Sample : VX0423WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/24/2019 12:28:27 PM

Quant Time: Apr 24 05:14:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	201482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	327332	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	284644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134269	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	152155	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	
35) Dibromofluoromethane	5.49	113	112312	53.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.92%	
50) Toluene-d8	8.71	98	448107	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	
62) 4-Bromofluorobenzene	11.13	95	156962	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	52297	22.535	ug/l	100
3) Chloromethane	1.32	50	62033	21.773	ug/l	100
4) Vinyl Chloride	1.41	62	60332	21.757	ug/l	97
5) Bromomethane	1.64	94	34318	22.090	ug/l	99
6) Chloroethane	1.72	64	34809	21.347	ug/l	96
7) Trichlorofluoromethane	1.93	101	70031	21.631	ug/l	100
8) Diethyl Ether	2.19	74	31514	21.284	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	44686	21.587	ug/l	99
10) Methyl Iodide	2.51	142	44828	22.472	ug/l	100
11) Tert butyl alcohol	3.04	59	69795	110.736	ug/l	99
12) 1,1-Dichloroethene	2.37	96	45594	21.102	ug/l	97
13) Acrolein	2.29	56	40273	73.951	ug/l	98
14) Allyl chloride	2.73	41	104001	22.063	ug/l	99
15) Acrylonitrile	3.14	53	178115	111.325	ug/l	100
16) Acetone	2.44	43	173680	117.951	ug/l	99
17) Carbon Disulfide	2.57	76	132637	21.620	ug/l	99
18) Methyl Acetate	2.78	43	81008	22.043	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	169612	22.031	ug/l	100
20) Methylene Chloride	2.85	84	53415	21.212	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	48336	20.974	ug/l	98
22) Diisopropyl ether	3.85	45	208147	22.724	ug/l	99
23) Vinyl Acetate	3.81	43	926575	115.075	ug/l	99
24) 1,1-Dichloroethane	3.70	63	100019	21.752	ug/l	100
25) 2-Butanone	4.67	43	271896	115.521	ug/l	98
26) 2,2-Dichloropropane	4.59	77	73936	21.451	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	56082	21.433	ug/l	99
28) Bromochloromethane	5.01	49	46748	23.453	ug/l	98
29) Tetrahydrofuran	5.13	42	174854	110.994	ug/l	99
30) Chloroform	5.21	83	90617	22.023	ug/l	100
31) Cyclohexane	5.58	56	98601	21.802	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	74960	21.981	ug/l	99
36) 1,1-Dichloropropene	5.80	75	70250	20.751	ug/l	99
37) Ethyl Acetate	4.84	43	99372	22.812	ug/l	100
38) Carbon Tetrachloride	5.79	117	61913	21.573	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042319\
 Data File : VX009113.D
 Acq On : 23 Apr 2019 12:10
 Operator : JC/SP
 Sample : VX0423WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0423WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/24/2019 12:28:27 PM

Quant Time: Apr 24 05:14:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	87946	21.337	ug/l	98
40) Benzene	6.14	78	218351	21.864	ug/l	99
41) Methacrylonitrile	5.04	41	55809	22.323	ug/l	99
42) 1,2-Dichloroethane	6.19	62	77128	21.801	ug/l	99
43) Isopropyl Acetate	6.45	43	155088	22.093	ug/l	99
44) Trichloroethene	7.21	130	50993	20.839	ug/l	95
45) 1,2-Dichloropropane	7.51	63	61643	22.249	ug/l	99
46) Dibromomethane	7.66	93	34704	21.523	ug/l	99
47) Bromodichloromethane	7.90	83	67992	21.499	ug/l	98
48) Methyl methacrylate	7.77	41	77266	22.276	ug/l	100
49) 1,4-Dioxane	7.74	88	27904	429.810	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	506300	113.210	ug/l	99
52) Toluene	8.78	92	128733	21.508	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	78750	21.636	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	87664	21.510	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	52348	22.068	ug/l	98
56) Ethyl methacrylate	9.18	69	93736	22.037	ug/l	99
57) 1,3-Dichloropropane	9.37	76	93428	22.120	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	235728	102.914	ug/l	99
59) 2-Hexanone	9.49	43	392925	113.958	ug/l	99
60) Dibromochloromethane	9.58	129	50137	22.053	ug/l	99
61) 1,2-Dibromoethane	9.67	107	52963	21.633	ug/l	97
64) Tetrachloroethene	9.34	164	46318	21.420	ug/l	97
65) Chlorobenzene	10.14	112	131026	21.808	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	47261	22.329	ug/l	99
67) Ethyl Benzene	10.25	91	240907	21.935	ug/l	99
68) m/p-Xylenes	10.36	106	172897	43.316	ug/l	99
69) o-Xylene	10.69	106	85143	21.923	ug/l	99
70) Styrene	10.71	104	144920	21.533	ug/l	98
71) Bromoform	10.85	173	36196	21.466	ug/l #	99
73) Isopropylbenzene	11.02	105	225514	22.158	ug/l	99
74) N-amyl acetate	10.90	43	132116	22.608	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	83999	22.589	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	84144m	25.665	ug/l	
77) Bromobenzene	11.26	156	55410	21.578	ug/l	99
78) n-propylbenzene	11.36	91	261215	22.362	ug/l	99
79) 2-Chlorotoluene	11.42	91	155127	22.037	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	192094	22.492	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	26983	21.129	ug/l	92
82) 4-Chlorotoluene	11.51	91	176967	21.647	ug/l	100
83) tert-Butylbenzene	11.77	119	180843	22.055	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	194193	22.338	ug/l	99
85) sec-Butylbenzene	11.94	105	218249	22.317	ug/l	100
86) p-Isopropyltoluene	12.06	119	197756	21.995	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	95020	21.142	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	94853	20.820	ug/l	99
89) n-Butylbenzene	12.38	91	180437	21.549	ug/l	100
90) Hexachloroethane	12.60	117	32416	21.857	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	94270	21.242	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17928	21.175	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042319\
Data File : VX009113.D
Acq On : 23 Apr 2019 12:10
Operator : JC/SP
Sample : VX0423WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS02

Manual Integrations
APPROVED

MMDadoda
4/24/2019 12:28:27 PM

Quant Time: Apr 24 05:14:51 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	66053	20.618	ug/l	100
94) Hexachlorobutadiene	13.78	225	34463	21.569	ug/l	99
95) Naphthalene	13.83	128	215167	20.964	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	65651	20.770	ug/l	99

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

