

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015375.D
 Acq On : 27 Mar 2020 12:24
 Operator : JC/SP
 Sample : VX0327WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

Manual Integrations
 APPROVED

apatel
 3/30/2020 2:59:30 PM

Quant Time: Mar 30 01:48:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1231696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1885890	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1711989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	865182	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	775969	44.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.34%	
35) Dibromofluoromethane	5.46	113	584580	48.49	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.98%	
50) Toluene-d8	8.70	98	2146630	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
62) 4-Bromofluorobenzene	11.12	95	859149	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	222410	20.496	ug/l	99
3) Chloromethane	1.31	50	242122	17.521	ug/l	99
4) Vinyl Chloride	1.39	62	237357	18.706	ug/l	98
5) Bromomethane	1.63	94	132170	17.308	ug/l	100
6) Chloroethane	1.71	64	143543	18.240	ug/l	99
7) Trichlorofluoromethane	1.92	101	332292	19.527	ug/l	97
8) Diethyl Ether	2.17	74	126596	17.637	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	224677	20.253	ug/l	98
10) Methyl Iodide	2.49	142	266753	17.835	ug/l	98
11) Tert butyl alcohol	3.02	59	334826	80.525	ug/l	96
12) 1,1-Dichloroethene	2.36	96	221106	19.014	ug/l	99
13) Acrolein	2.27	56	201828	85.210	ug/l	96
14) Allyl chloride	2.70	41	500275	18.412	ug/l	99
15) Acrylonitrile	3.12	53	689834	86.994	ug/l	99
16) Acetone	2.42	43	659859	88.414	ug/l	99
17) Carbon Disulfide	2.55	76	670502	18.901	ug/l	100
18) Methyl Acetate	2.75	43	324250	17.022	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	814058	18.050	ug/l	100
20) Methylene Chloride	2.83	84	247554	17.758	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	237663	18.416	ug/l	97
22) Diisopropyl ether	3.83	45	895899	18.608	ug/l	93
23) Vinyl Acetate	3.78	43	4103974	94.144	ug/l	99
24) 1,1-Dichloroethane	3.67	63	458211	18.075	ug/l	99
25) 2-Butanone	4.64	43	1031641	85.952	ug/l	97
26) 2,2-Dichloropropane	4.55	77	425758	20.462	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	271812	18.205	ug/l	97
28) Bromochloromethane	4.98	49	230232	19.022	ug/l	97
29) Tetrahydrofuran	5.09	42	663945	86.046	ug/l	99
30) Chloroform	5.17	83	448780	18.401	ug/l	96
31) Cyclohexane	5.55	56	444191	20.199	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	401963	18.211	ug/l	97
36) 1,1-Dichloropropene	5.77	75	342371	19.703	ug/l	98
37) Ethyl Acetate	4.79	43	402689	17.798	ug/l	99
38) Carbon Tetrachloride	5.75	117	369147	19.614	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015375.D
 Acq On : 27 Mar 2020 12:24
 Operator : JC/SP
 Sample : VX0327WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0327WBS01

Manual Integrations
 APPROVED

apatel
 3/30/2020 2:59:30 PM

Quant Time: Mar 30 01:48:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	427221	21.324	ug/l	98
40) Benzene	6.11	78	978356	19.221	ug/l	97
41) Methacrylonitrile	5.00	41	230388	18.343	ug/l	99
42) 1,2-Dichloroethane	6.16	62	390605	19.105	ug/l	98
43) Isopropyl Acetate	6.41	43	702997	18.406	ug/l	100
44) Trichloroethene	7.19	130	268536	19.345	ug/l	99
45) 1,2-Dichloropropane	7.49	63	265736	19.084	ug/l	97
46) Dibromomethane	7.64	93	170155	18.629	ug/l	99
47) Bromodichloromethane	7.87	83	367610	18.888	ug/l	98
48) Methyl methacrylate	7.75	41	349505	18.320	ug/l	99
49) 1,4-Dioxane	7.73	88	131023	368.158	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2009236	92.826	ug/l	99
52) Toluene	8.76	92	615068	19.600	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	430326	18.852	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	449996	19.353	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	245375	19.085	ug/l	99
56) Ethyl methacrylate	9.16	69	415388	18.332	ug/l	100
57) 1,3-Dichloropropane	9.36	76	431684	18.636	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1028048	93.277	ug/l	99
59) 2-Hexanone	9.47	43	1503995	92.034	ug/l	100
60) Dibromochloromethane	9.56	129	288857	18.697	ug/l	97
61) 1,2-Dibromoethane	9.65	107	263453	18.845	ug/l	98
64) Tetrachloroethene	9.32	164	257472	19.928	ug/l	94
65) Chlorobenzene	10.12	112	653390	19.137	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	263022	19.283	ug/l	99
67) Ethyl Benzene	10.23	91	1206055	19.917	ug/l	98
68) m/p-Xylenes	10.34	106	897210	39.790	ug/l	100
69) o-Xylene	10.68	106	427064	19.167	ug/l	98
70) Styrene	10.70	104	742101	18.927	ug/l	99
71) Bromoform	10.84	173	230325	18.549	ug/l	98
73) Isopropylbenzene	11.00	105	1159258	20.450	ug/l	99
74) N-amyl acetate	10.88	43	585853	18.581	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	367390	18.887	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	348584m	19.592	ug/l	
77) Bromobenzene	11.24	156	297675	19.686	ug/l	99
78) n-propylbenzene	11.34	91	1333259	20.568	ug/l	99
79) 2-Chlorotoluene	11.40	91	807765	20.331	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	998832	20.631	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	145478	19.620	ug/l	99
82) 4-Chlorotoluene	11.49	91	941709	20.218	ug/l	100
83) tert-Butylbenzene	11.76	119	964114	20.387	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1010544	20.483	ug/l	99
85) sec-Butylbenzene	11.93	105	1124043	20.552	ug/l	100
86) p-Isopropyltoluene	12.05	119	1074558	21.164	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	550182	20.325	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	527433	19.129	ug/l	97
89) n-Butylbenzene	12.37	91	980867	21.378	ug/l	99
90) Hexachloroethane	12.58	117	201936	20.434	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	524935	19.815	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	93870	17.098	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032720\
Data File : VX015375.D
Acq On : 27 Mar 2020 12:24
Operator : JC/SP
Sample : VX0327WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS01

Manual Integrations
APPROVED

apatel
3/30/2020 2:59:30 PM

Quant Time: Mar 30 01:48:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	388061	18.519	ug/l	96
94) Hexachlorobutadiene	13.77	225	208477	20.897	ug/l	94
95) Naphthalene	13.82	128	1215692	19.020	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	387541	19.209	ug/l	96

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

