

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032720\
 Data File : VX015400.D
 Acq On : 27 Mar 2020 23:46
 Operator : JC/SP
 Sample : VX0327WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS02

Manual Integrations
 APPROVED

apatel
 3/30/2020 3:00:12 PM

Quant Time: Mar 30 04:52:45 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	5.64	168	1077628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1772989	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1617182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	825213	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	728676	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	
35) Dibromofluoromethane	5.47	113	529351	46.71	ug/l	0.00
Spiked Amount			Recovery	=	93.42%	
50) Toluene-d8	8.70	98	1962814	47.04	ug/l	0.00
Spiked Amount			Recovery	=	94.08%	
62) 4-Bromofluorobenzene	11.12	95	791037	46.65	ug/l	0.00
Spiked Amount			Recovery	=	93.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	204218	21.510	ug/l	99
3) Chloromethane	1.31	50	225914	18.685	ug/l	99
4) Vinyl Chloride	1.39	62	220317	19.845	ug/l	99
5) Bromomethane	1.63	94	142714	23.620	ug/l	97
6) Chloroethane	1.71	64	136320	19.798	ug/l	100
7) Trichlorofluoromethane	1.92	101	314779	21.142	ug/l	98
8) Diethyl Ether	2.17	74	117877	18.771	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	205253	21.147	ug/l	98
10) Methyl Iodide	2.49	142	176203	13.465	ug/l	100
11) Tert butyl alcohol	3.01	59	363419	99.898	ug/l	100
12) 1,1-Dichloroethene	2.36	96	211112	20.750	ug/l	95
13) Acrolein	2.27	56	185784	89.650	ug/l	99
14) Allyl chloride	2.71	41	478210	20.116	ug/l	99
15) Acrylonitrile	3.11	53	697584	100.549	ug/l	99
16) Acetone	2.42	43	655055	100.319	ug/l	98
17) Carbon Disulfide	2.55	76	635452	20.474	ug/l	99
18) Methyl Acetate	2.75	43	332895	19.975	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	796980	20.198	ug/l	99
20) Methylene Chloride	2.84	84	240593	19.726	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	229945	20.365	ug/l	99
22) Diisopropyl ether	3.83	45	878043	20.844	ug/l	99
23) Vinyl Acetate	3.78	43	3976569	104.264	ug/l	98
24) 1,1-Dichloroethane	3.67	63	444621	20.047	ug/l	99
25) 2-Butanone	4.64	43	1042486	99.273	ug/l	98
26) 2,2-Dichloropropane	4.56	77	324639	17.832	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	265055	20.290	ug/l	99
28) Bromochloromethane	4.98	49	220479	20.821	ug/l	99
29) Tetrahydrofuran	5.09	42	671155	99.417	ug/l	100
30) Chloroform	5.18	83	429319	20.120	ug/l	98
31) Cyclohexane	5.55	56	409581	21.288	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	397116	20.564	ug/l	99
36) 1,1-Dichloropropene	5.78	75	328301	20.097	ug/l	99
37) Ethyl Acetate	4.80	43	415253	19.522	ug/l	99
38) Carbon Tetrachloride	5.76	117	349671	19.762	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015400.D
 Acq On : 27 Mar 2020 23:46
 Operator : JC/SP
 Sample : VX0327WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0327WBS02

Manual Integrations
 APPROVED

apatel
 3/30/2020 3:00:12 PM

Quant Time: Mar 30 04:52:45 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	379489	20.147	ug/l	97
40) Benzene	6.12	78	946408	19.777	ug/l	100
41) Methacrylonitrile	5.00	41	234823	19.887	ug/l	99
42) 1,2-Dichloroethane	6.17	62	376132	19.568	ug/l	99
43) Isopropyl Acetate	6.42	43	697127	19.415	ug/l	99
44) Trichloroethene	7.19	130	254396	19.493	ug/l	98
45) 1,2-Dichloropropane	7.50	63	256717	19.611	ug/l	100
46) Dibromomethane	7.64	93	164645	19.173	ug/l	98
47) Bromodichloromethane	7.88	83	356529	19.485	ug/l	97
48) Methyl methacrylate	7.75	41	345601	19.269	ug/l	100
49) 1,4-Dioxane	7.72	88	130542	390.164	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2029227	99.719	ug/l	99
52) Toluene	8.77	92	587572	19.916	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	400489	18.662	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	417563	19.102	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	234656	19.413	ug/l	98
56) Ethyl methacrylate	9.16	69	408742	19.188	ug/l	99
57) 1,3-Dichloropropane	9.36	76	418547	19.219	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	975040	94.101	ug/l	98
59) 2-Hexanone	9.48	43	1549630	100.865	ug/l	98
60) Dibromochloromethane	9.57	129	281062	19.351	ug/l	100
61) 1,2-Dibromoethane	9.65	107	257254	19.573	ug/l	98
64) Tetrachloroethene	9.32	164	234275	19.196	ug/l	95
65) Chlorobenzene	10.12	112	622945	19.315	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	246953	19.166	ug/l	98
67) Ethyl Benzene	10.24	91	1149939	20.104	ug/l	99
68) m/p-Xylenes	10.34	106	843246	39.589	ug/l	98
69) o-Xylene	10.68	106	407387	19.355	ug/l	95
70) Styrene	10.70	104	722753	19.514	ug/l	100
71) Bromoform	10.84	173	216070	18.421	ug/l #	97
73) Isopropylbenzene	11.00	105	1111987	20.566	ug/l	100
74) N-amyl acetate	10.88	43	585403	19.466	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	365535	19.702	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	339411m	20.001	ug/l	
77) Bromobenzene	11.24	156	280872	19.475	ug/l	97
78) n-propylbenzene	11.35	91	1279562	20.696	ug/l	99
79) 2-Chlorotoluene	11.40	91	763679	20.152	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	961204	20.816	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	129312	18.284	ug/l	99
82) 4-Chlorotoluene	11.50	91	911801	20.524	ug/l	99
83) tert-Butylbenzene	11.76	119	927834	20.570	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	951306	20.216	ug/l	99
85) sec-Butylbenzene	11.93	105	1067773	20.469	ug/l	99
86) p-Isopropyltoluene	12.05	119	977783	20.190	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	510901	19.788	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	500772	19.041	ug/l	97
89) n-Butylbenzene	12.37	91	889330	20.321	ug/l	99
90) Hexachloroethane	12.58	117	189108	20.063	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	499144	19.754	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	94272	18.003	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032720\
Data File : VX015400.D
Acq On : 27 Mar 2020 23:46
Operator : JC/SP
Sample : VX0327WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

Manual Integrations
APPROVED

apatel
3/30/2020 3:00:12 PM

Quant Time: Mar 30 04:52:45 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	375872	18.806	ug/l	100
94) Hexachlorobutadiene	13.77	225	174126	18.299	ug/l	96
95) Naphthalene	13.82	128	1235599	20.267	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	378794	19.685	ug/l	99

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

