

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040220\
 Data File : VX015474.D
 Acq On : 02 Apr 2020 12:10
 Operator : JC/SP
 Sample : VX0402WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/3/2020 12:36:31 PM

Quant Time: Apr 03 08:25:54 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	1144353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1780411	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1630618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	851830	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	776948	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
35) Dibromofluoromethane	5.47	113	560408	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
50) Toluene-d8	8.70	98	2092779	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	11.12	95	841034	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	202949	20.130	ug/l	99
3) Chloromethane	1.31	50	227423	17.713	ug/l	99
4) Vinyl Chloride	1.39	62	220707	18.721	ug/l	97
5) Bromomethane	1.63	94	142222	21.572	ug/l	99
6) Chloroethane	1.71	64	135477	18.529	ug/l	97
7) Trichlorofluoromethane	1.92	101	318604	20.151	ug/l	100
8) Diethyl Ether	2.17	74	118329	17.744	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	212171	20.585	ug/l	98
10) Methyl Iodide	2.49	142	237350	17.080	ug/l	99
11) Tert butyl alcohol	3.01	59	292545	75.727	ug/l	98
12) 1,1-Dichloroethene	2.36	96	207464	19.203	ug/l	99
13) Acrolein	2.27	56	211533	96.124	ug/l	100
14) Allyl chloride	2.71	41	465919	18.456	ug/l	98
15) Acrylonitrile	3.11	53	639746	86.836	ug/l	99
16) Acetone	2.42	43	618263	89.163	ug/l	98
17) Carbon Disulfide	2.55	76	603805	18.320	ug/l	99
18) Methyl Acetate	2.75	43	308664	17.441	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	766144	18.284	ug/l	99
20) Methylene Chloride	2.83	84	232383	17.942	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	220433	18.384	ug/l	90
22) Diisopropyl ether	3.83	45	860322	19.233	ug/l	92
23) Vinyl Acetate	3.78	43	3802880	93.896	ug/l	99
24) 1,1-Dichloroethane	3.67	63	434860	18.464	ug/l	100
25) 2-Butanone	4.63	43	942695	84.536	ug/l	97
26) 2,2-Dichloropropane	4.55	77	399861	20.684	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	253317	18.261	ug/l	95
28) Bromochloromethane	4.98	49	229432	20.403	ug/l	99
29) Tetrahydrofuran	5.09	42	593770	82.825	ug/l	100
30) Chloroform	5.18	83	423663	18.697	ug/l	98
31) Cyclohexane	5.55	56	403752	19.761	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	385356	18.792	ug/l	99
36) 1,1-Dichloropropene	5.77	75	322890	19.683	ug/l	98
37) Ethyl Acetate	4.79	43	367346	17.198	ug/l	99
38) Carbon Tetrachloride	5.75	117	343743	19.346	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	390326	20.636	ug/l	98
40) Benzene	6.11	78	919095	19.127	ug/l	98
41) Methacrylonitrile	5.01	41	212120	17.889	ug/l	99
42) 1,2-Dichloroethane	6.16	62	365790	18.951	ug/l	100
43) Isopropyl Acetate	6.41	43	651378	18.065	ug/l	99
44) Trichloroethene	7.19	130	249148	19.011	ug/l	98
45) 1,2-Dichloropropane	7.49	63	251252	19.113	ug/l	96
46) Dibromomethane	7.64	93	161081	18.680	ug/l	97
47) Bromodichloromethane	7.87	83	347452	18.910	ug/l	99
48) Methyl methacrylate	7.75	41	323171	17.944	ug/l	98
49) 1,4-Dioxane	7.71	88	112799	335.728	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1855939	90.823	ug/l	99
52) Toluene	8.76	92	577578	19.496	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	402820	18.693	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	423469	19.291	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	228496	18.825	ug/l	97
56) Ethyl methacrylate	9.16	69	388865	18.178	ug/l	100
57) 1,3-Dichloropropane	9.35	76	405514	18.543	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1001839	96.285	ug/l	99
59) 2-Hexanone	9.47	43	1401861	90.867	ug/l	98
60) Dibromochloromethane	9.56	129	271404	18.608	ug/l	99
61) 1,2-Dibromoethane	9.65	107	240963	18.257	ug/l	98
64) Tetrachloroethene	9.32	164	240227	19.521	ug/l	96
65) Chlorobenzene	10.12	112	613238	18.858	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	245018	18.860	ug/l	99
67) Ethyl Benzene	10.24	91	1139662	19.760	ug/l	100
68) m/p-Xylenes	10.34	106	831224	38.703	ug/l	98
69) o-Xylene	10.68	106	401482	18.918	ug/l	97
70) Styrene	10.70	104	706743	18.925	ug/l	100
71) Bromoform	10.84	173	206885	17.493	ug/l #	98
73) Isopropylbenzene	11.00	105	1092586	19.576	ug/l	99
74) N-amyl acetate	10.88	43	549621	17.705	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	346234	18.078	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	326900m	18.662	ug/l	
77) Bromobenzene	11.24	156	278496	18.707	ug/l	98
78) n-propylbenzene	11.34	91	1286827	20.163	ug/l	99
79) 2-Chlorotoluene	11.40	91	767245	19.614	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	937471	19.667	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	125628	17.208	ug/l	95
82) 4-Chlorotoluene	11.49	91	898227	19.587	ug/l	99
83) tert-Butylbenzene	11.76	119	892085	19.160	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	955415	19.669	ug/l	99
85) sec-Butylbenzene	11.93	105	1078741	20.033	ug/l	100
86) p-Isopropyltoluene	12.05	119	1013542	20.275	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	504440	18.927	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	505525	18.621	ug/l	98
89) n-Butylbenzene	12.37	91	912374	20.197	ug/l	98
90) Hexachloroethane	12.58	117	181673	18.672	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	482937	18.516	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	84969	15.719	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	377519	18.299	ug/l	100
94) Hexachlorobutadiene	13.77	225	180538	18.380	ug/l	98
95) Naphthalene	13.82	128	1161524	18.457	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	369388	18.596	ug/l	98

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

