

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061520\
 Data File : VX016755.D
 Acq On : 15 Jun 2020 15:47
 Operator : JC/SP
 Sample : VX0615WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/16/2020 3:23:20 PM

Quant Time: Jun 16 03:35:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	255203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	376817	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	355954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	180012	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	139928	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
35) Dibromofluoromethane	5.46	113	110781	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
50) Toluene-d8	8.70	98	433962	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	11.12	95	163323	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.18	85	53438	18.626	ug/l 99
3) Chloromethane	1.31	50	49667	17.828	ug/l 99
4) Vinyl Chloride	1.39	62	52977	17.822	ug/l 99
5) Bromomethane	1.63	94	37096	20.094	ug/l 94
6) Chloroethane	1.71	64	32749	17.885	ug/l 99
7) Trichlorofluoromethane	1.92	101	80073	18.703	ug/l 99
8) Diethyl Ether	2.17	74	29616	16.940	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	43008	19.745	ug/l 96
10) Methyl Iodide	2.49	142	40097	14.728	ug/l 100
11) Tert butyl alcohol	3.00	59	62977	87.330	ug/l 100
12) 1,1-Dichloroethene	2.36	96	43551	17.460	ug/l 95
13) Acrolein	2.27	56	28140	93.106	ug/l 96
14) Allyl chloride	2.70	41	67956	17.420	ug/l 99
15) Acrylonitrile	3.11	53	126042	86.135	ug/l 99
16) Acetone	2.42	43	108985	83.700	ug/l 98
17) Carbon Disulfide	2.55	76	120776	16.907	ug/l 99
18) Methyl Acetate	2.75	43	63753	18.343	ug/l 98
19) Methyl tert-butyl Ether	3.17	73	151817	17.858	ug/l 98
20) Methylene Chloride	2.83	84	47843	17.058	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	46747	17.440	ug/l 96
22) Diisopropyl ether	3.82	45	130219	17.771	ug/l 95
23) Vinyl Acetate	3.78	43	552035	87.161	ug/l 100
24) 1,1-Dichloroethane	3.67	63	78694	17.170	ug/l 99
25) 2-Butanone	4.63	43	169847	86.551	ug/l 99
26) 2,2-Dichloropropane	4.55	77	73049	17.213	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	52412	17.108	ug/l 98
28) Bromochloromethane	4.98	49	42765	21.874	ug/l 100
29) Tetrahydrofuran	5.09	42	109965	86.501	ug/l 99
30) Chloroform	5.18	83	83190	17.157	ug/l 99
31) Cyclohexane	5.54	56	67524	18.737	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	78433	17.827	ug/l 99
36) 1,1-Dichloropropene	5.77	75	62822	18.865	ug/l 99
37) Ethyl Acetate	4.79	43	64426	17.666	ug/l 99
38) Carbon Tetrachloride	5.75	117	70559	18.657	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	69973	18.728	ug/l	95
40) Benzene	6.11	78	182476	17.998	ug/l	98
41) Methacrylonitrile	5.00	41	33906	17.437	ug/l	98
42) 1,2-Dichloroethane	6.16	62	67591	18.265	ug/l	99
43) Isopropyl Acetate	6.41	43	104302	18.249	ug/l	99
44) Trichloroethene	7.18	130	58677	18.710	ug/l	95
45) 1,2-Dichloropropane	7.49	63	46073	18.537	ug/l	99
46) Dibromomethane	7.63	93	32357	17.862	ug/l	98
47) Bromodichloromethane	7.87	83	68043	18.017	ug/l	96
48) Methyl methacrylate	7.74	41	48876	18.042	ug/l	100
49) 1,4-Dioxane	7.71	88	25272	376.977	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	325153	92.322	ug/l	99
52) Toluene	8.76	92	120083	18.234	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	76844	18.015	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	80482	18.089	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	47894	18.083	ug/l	97
56) Ethyl methacrylate	9.16	69	72643	18.319	ug/l	99
57) 1,3-Dichloropropane	9.35	76	81742	18.360	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	189230	97.053	ug/l	100
59) 2-Hexanone	9.47	43	248457	91.384	ug/l	100
60) Dibromochloromethane	9.56	129	56734	18.125	ug/l	99
61) 1,2-Dibromoethane	9.65	107	52246	18.101	ug/l	95
64) Tetrachloroethene	9.32	164	63930	18.703	ug/l	98
65) Chlorobenzene	10.12	112	129812	17.973	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	51818	17.984	ug/l	97
67) Ethyl Benzene	10.23	91	222803	18.247	ug/l	97
68) m/p-Xylenes	10.34	106	173295	37.432	ug/l	100
69) o-Xylene	10.68	106	81334	18.236	ug/l	99
70) Styrene	10.70	104	142104	18.431	ug/l	99
71) Bromoform	10.84	173	44094	17.936	ug/l	97
73) Isopropylbenzene	11.00	105	222505	18.838	ug/l	100
74) N-amyl acetate	10.88	43	84120	18.324	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	59934	17.249	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	69688m	18.409	ug/l	
77) Bromobenzene	11.24	156	57978	17.384	ug/l	96
78) n-propylbenzene	11.34	91	242522	18.907	ug/l	100
79) 2-Chlorotoluene	11.40	91	149882	18.478	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	191606	19.351	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	25929	17.243	ug/l	99
82) 4-Chlorotoluene	11.49	91	177594	18.705	ug/l	99
83) tert-Butylbenzene	11.76	119	172359	19.024	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	191376	19.106	ug/l	99
85) sec-Butylbenzene	11.93	105	204112	19.260	ug/l	99
86) p-Isopropyltoluene	12.05	119	196609	19.335	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	105721	18.751	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	106557	18.224	ug/l	98
89) n-Butylbenzene	12.37	91	162436	19.351	ug/l	99
90) Hexachloroethane	12.58	117	34601	18.453	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	100690	17.858	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16543	17.026	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	73859	18.705	ug/l	97
94) Hexachlorobutadiene	13.76	225	34486	20.097	ug/l	97
95) Naphthalene	13.82	128	223982	18.107	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	70943	18.254	ug/l	97

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

