

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020719\
 Data File : VX007420.D
 Acq On : 07 Feb 2019 12:56
 Operator : JC/SP
 Sample : VX0207WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/11/2019 12:27:59 PM

Quant Time: Feb 08 22:20:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	482063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	707124	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	644460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	330999	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	248994	48.66	ug/l	0.00
Spiked Amount						
			Recovery	=	97.32%	
35) Dibromofluoromethane	5.51	113	224376	48.77	ug/l	0.00
Spiked Amount						
			Recovery	=	97.54%	
50) Toluene-d8	8.71	98	831920	48.73	ug/l	0.00
Spiked Amount						
			Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.13	95	295604	47.43	ug/l	0.00
Spiked Amount						
			Recovery	=	94.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	110142	18.705	ug/l	97
3) Chloromethane	1.33	50	100357	18.483	ug/l	99
4) Vinyl Chloride	1.41	62	104910	19.695	ug/l	97
5) Bromomethane	1.64	94	99640	18.610	ug/l	98
6) Chloroethane	1.73	64	63601	18.457	ug/l	93
7) Trichlorofluoromethane	1.93	101	156694	18.804	ug/l	99
8) Diethyl Ether	2.19	74	59399	18.939	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	90475	18.253	ug/l	99
10) Methyl Iodide	2.51	142	124646	17.095	ug/l	99
11) Tert butyl alcohol	3.07	59	114503	108.133	ug/l	100
12) 1,1-Dichloroethene	2.38	96	82167	17.852	ug/l	100
13) Acrolein	2.30	56	53469	107.681	ug/l	99
14) Allyl chloride	2.73	41	142383	18.985	ug/l	98
15) Acrylonitrile	3.15	53	252746	96.486	ug/l	99
16) Acetone	2.45	43	232029	98.996	ug/l	99
17) Carbon Disulfide	2.57	76	196122	17.725	ug/l	98
18) Methyl Acetate	2.78	43	130729	21.746	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	288725	19.363	ug/l	96
20) Methylene Chloride	2.86	84	92244	19.024	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	87053	17.755	ug/l	94
22) Diisopropyl ether	3.87	45	263462	19.098	ug/l	95
23) Vinyl Acetate	3.82	43	1079422	94.294	ug/l	99
24) 1,1-Dichloroethane	3.70	63	149002	18.808	ug/l	99
25) 2-Butanone	4.70	43	331047	99.248	ug/l	98
26) 2,2-Dichloropropane	4.59	77	108291	17.949	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	97151	18.141	ug/l	100
28) Bromochloromethane	5.02	49	68832	18.894	ug/l	96
29) Tetrahydrofuran	5.15	42	213758	101.895	ug/l	99
30) Chloroform	5.21	83	157248	19.022	ug/l	99
31) Cyclohexane	5.58	56	125733	17.671	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	128711	18.446	ug/l	99
36) 1,1-Dichloropropene	5.80	75	111486	17.572	ug/l	100
37) Ethyl Acetate	4.85	43	124785	19.456	ug/l	99
38) Carbon Tetrachloride	5.79	117	113956	18.514	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	134917	17.576	ug/l	98
40) Benzene	6.14	78	349600	18.706	ug/l	97
41) Methacrylonitrile	5.06	41	67703	19.696	ug/l	99
42) 1,2-Dichloroethane	6.20	62	119265	18.444	ug/l	99
43) Isopropyl Acetate	6.46	43	190520	19.245	ug/l	100
44) Trichloroethene	7.21	130	101250	17.988	ug/l	100
45) 1,2-Dichloropropane	7.52	63	86507	18.474	ug/l	99
46) Dibromomethane	7.66	93	61804	18.160	ug/l	98
47) Bromodichloromethane	7.90	83	104007	18.032	ug/l	99
48) Methyl methacrylate	7.77	41	97296	19.649	ug/l	98
49) 1,4-Dioxane	7.75	88	48154	431.553	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	641166	98.386	ug/l	99
52) Toluene	8.79	92	223886	18.567	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	109804	17.723	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	127872	18.768	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	93127	18.528	ug/l	98
56) Ethyl methacrylate	9.18	69	131808	18.934	ug/l	97
57) 1,3-Dichloropropane	9.37	76	151417	18.943	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	352559	96.083	ug/l	99
59) 2-Hexanone	9.49	43	502151	99.020	ug/l	100
60) Dibromochloromethane	9.58	129	88936	18.709	ug/l	99
61) 1,2-Dibromoethane	9.67	107	100092	18.804	ug/l	100
64) Tetrachloroethene	9.34	164	101849	16.767	ug/l	98
65) Chlorobenzene	10.14	112	255963	18.201	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	89868	19.060	ug/l	99
67) Ethyl Benzene	10.25	91	414830	18.317	ug/l	99
68) m/p-Xylenes	10.36	106	323868	35.975	ug/l	98
69) o-Xylene	10.70	106	160811	18.564	ug/l	100
70) Styrene	10.71	104	258810	18.422	ug/l	98
71) Bromoform	10.86	173	62576	17.942	ug/l #	97
73) Isopropylbenzene	11.02	105	428405	19.046	ug/l	99
74) N-amyl acetate	10.90	43	169546	19.488	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	138589	20.217	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	130273m	20.234	ug/l	
77) Bromobenzene	11.26	156	117707	18.573	ug/l	99
78) n-propylbenzene	11.36	91	466601	18.917	ug/l	99
79) 2-Chlorotoluene	11.42	91	280854	18.766	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	343786	18.682	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35064	19.638	ug/l	97
82) 4-Chlorotoluene	11.51	91	318564	18.395	ug/l	99
83) tert-Butylbenzene	11.77	119	343317	18.844	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	359670	19.252	ug/l	100
85) sec-Butylbenzene	11.94	105	420017	19.048	ug/l	100
86) p-Isopropyltoluene	12.07	119	368255	18.500	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	206844	18.186	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	204424	17.716	ug/l	99
89) n-Butylbenzene	12.39	91	306805	17.917	ug/l	100
90) Hexachloroethane	12.60	117	54742	18.375	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	205239	18.132	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	27547	19.326	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	136757	17.915	ug/l	99
94) Hexachlorobutadiene	13.78	225	65734	17.734	ug/l	99
95) Naphthalene	13.83	128	418479	18.747	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	140181	18.244	ug/l	99

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

