

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013612.D
 Acq On : 26 Nov 2019 20:30
 Operator : JC/SP
 Sample : K6002-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6MSD

Manual Integrations
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apatel
 11/27/2019 3:44:24 PM

Quant Time: Nov 27 04:27:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	656304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1013713	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	933560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	459021	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	370334	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	
35) Dibromofluoromethane	5.49	113	311874	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
50) Toluene-d8	8.71	98	1201133	49.19	ug/l	0.00
Spiked Amount			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.13	95	436125	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	387997	53.114	ug/l	100
3) Chloromethane	1.32	50	426194	51.996	ug/l	97
4) Vinyl Chloride	1.40	62	488438	52.943	ug/l	99
5) Bromomethane	1.63	94	294320	47.504	ug/l	99
6) Chloroethane	1.71	64	260880	49.693	ug/l	96
7) Trichlorofluoromethane	1.92	101	512881	50.065	ug/l	99
8) Diethyl Ether	2.18	74	236812	51.097	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	310207	49.575	ug/l	98
10) Methyl Iodide	2.50	142	412621	54.513	ug/l	99
11) Tert butyl alcohol	3.03	59	475698	252.974	ug/l	99
12) 1,1-Dichloroethene	2.36	96	320691	51.345	ug/l	99
13) Acrolein	2.28	56	336785	267.378	ug/l #	15
14) Allyl chloride	2.72	41	592082	52.236	ug/l	99
15) Acrylonitrile	3.13	53	1000755	257.825	ug/l	99
16) Acetone	2.43	43	842853	224.091	ug/l	99
17) Carbon Disulfide	2.56	76	884468	49.675	ug/l	99
18) Methyl Acetate	2.76	43	552812	52.782	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	2552663	123.370	ug/l #	80
20) Methylene Chloride	2.85	84	354802	49.101	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	342116	50.280	ug/l	99
22) Diisopropyl ether	3.84	45	1161096	53.200	ug/l	98
23) Vinyl Acetate	3.80	43	4740433	261.089	ug/l	100
24) 1,1-Dichloroethane	3.69	63	615549	51.592	ug/l	99
25) 2-Butanone	4.66	43	1384799	247.734	ug/l	99
26) 2,2-Dichloropropane	4.57	77	469983	47.610	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	391217	50.067	ug/l	99
28) Bromochloromethane	5.01	49	238039	50.486	ug/l	99
29) Tetrahydrofuran	5.11	42	899353	260.986	ug/l	100
30) Chloroform	5.20	83	630165	52.080	ug/l	97
31) Cyclohexane	5.57	56	900150	79.989	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	516991	51.129	ug/l	99
36) 1,1-Dichloropropene	5.79	75	468789	50.944	ug/l	99
37) Ethyl Acetate	4.82	43	531338	51.470	ug/l	100
38) Carbon Tetrachloride	5.78	117	440713	51.940	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	984771	86.577	ug/l	98
40) Benzene	6.14	78	25253879	901.082	ug/l #	86
41) Methacrylonitrile	5.03	41	304499	53.785	ug/l	99
42) 1,2-Dichloroethane	6.19	62	467213	48.881	ug/l	97
43) Isopropyl Acetate	6.42	43	5919231	348.287	ug/l #	28
44) Trichloroethene	7.21	130	380002	49.404	ug/l	100
45) 1,2-Dichloropropane	7.51	63	364066	51.920	ug/l	100
46) Dibromomethane	7.65	93	234402	49.219	ug/l	97
47) Bromodichloromethane	7.89	83	475246	52.786	ug/l	96
48) Methyl methacrylate	7.76	41	490326	59.379	ug/l	94
49) 1,4-Dioxane	7.73	88	173863	940.630	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2767797	258.904	ug/l	100
52) Toluene	8.78	92	5508820	316.400	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	535921	52.296	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	584383	52.196	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	344859	49.151	ug/l	98
56) Ethyl methacrylate	9.17	69	631288	55.963	ug/l	99
57) 1,3-Dichloropropane	9.37	76	603387	49.892	ug/l	100
59) 2-Hexanone	9.49	43	2099273	251.780	ug/l	100
60) Dibromochloromethane	9.58	129	379125	52.067	ug/l	99
61) 1,2-Dibromoethane	9.67	107	380302	50.750	ug/l	100
64) Tetrachloroethene	9.33	164	321725	46.212	ug/l	98
65) Chlorobenzene	10.14	112	955538	49.299	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	350509	50.360	ug/l	99
67) Ethyl Benzene	10.25	91	15785047	473.928	ug/l #	53
68) m/p-Xylenes	10.36	106	18679005	1464.823	ug/l #	1
69) o-Xylene	10.70	106	9879254	794.363	ug/l	63
70) Stvrene	10.71	104	1666647	79.665	ug/l #	4
71) Bromoform	10.85	173	296166	51.427	ug/l #	99
73) Isopropylbenzene	11.01	105	2739495	85.081	ug/l	99
74) N-amyl acetate	10.89	43	782312	53.039	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	574857	51.481	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	441994m	42.811	ug/l	
77) Bromobenzene	11.25	156	440331	50.621	ug/l	99
78) n-propylbenzene	11.35	91	3833365	106.649	ug/l	99
79) 2-Chlorotoluene	11.51	91	1804498	83.691	ug/l	77
80) 1,3,5-Trimethylbenzene	11.50	105	6356570	240.874	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	191771	50.818	ug/l	98
82) 4-Chlorotoluene	11.51	91	1804498	72.258	ug/l	83
83) tert-Butylbenzene	11.77	119	1368964	51.043	ug/l	98
84) 1,2,4-Trimethylbenzene	11.67	105	5817337	217.203	ug/l	78
85) sec-Butylbenzene	11.94	105	1592893	51.998	ug/l	97
86) p-Isopropyltoluene	12.06	119	1494986	52.458	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	762184	50.266	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	758782	49.130	ug/l	99
89) n-Butylbenzene	12.39	91	1677661	69.021	ug/l #	70
90) Hexachloroethane	12.59	117	478418	92.875	ug/l	55
91) 1,2-Dichlorobenzene	12.39	146	737682	49.239	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	151730	62.398	ug/l	84
93) 1,2,4-Trichlorobenzene	13.64	180	526602	50.435	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	201652	40.204	ug/l	98
95) Naphthalene	13.83	128	10199442	328.019	ug/l	97
96) 1,2,3-Trichlorobenzene	14.01	180	524061	50.693	ug/l	99

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

