

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006639.D
 Acq On : 05 Nov 2018 16:32
 Operator : SY/AP
 Sample : J5696-03MSD
 Misc : 4.88G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01MSD

Manual Integrations
 APPROVED

apatel
 11/6/2018 8:15:23 AM

Quant Time: Nov 06 02:37:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	173139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	243667	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	169327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	55120	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	86874	58.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.74%	
35) Dibromofluoromethane	7.88	113	89146	58.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.60%	
50) Toluene-d8	10.33	98	271599	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
62) 4-Bromofluorobenzene	12.62	95	65742	31.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	59993m	66.841	ug/l	
3) Chloromethane	2.21	50	67931	61.170	ug/l	99
4) Vinyl Chloride	2.37	62	99363	64.079	ug/l	97
5) Bromomethane	2.79	94	64276	49.393	ug/l	99
6) Chloroethane	2.93	64	71361	65.865	ug/l	97
7) Trichlorofluoromethane	3.26	101	86714	63.327	ug/l	93
8) Diethyl Ether	3.68	74	48855	65.269	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	78581	53.742	ug/l	100
10) Methyl Iodide	4.27	142	102371	38.613	ug/l	100
11) Tert butyl alcohol	5.23	59	26509	330.585	ug/l #	86
12) 1,1-Dichloroethene	4.03	96	83134	58.866	ug/l	96
13) Acrolein	3.90	56	112	1.111	ug/l #	51
14) Allyl chloride	4.67	41	71763	38.929	ug/l	98
15) Acrylonitrile	5.37	53	61108	227.686	ug/l	99
16) Acetone	4.14	43	55369	230.431	ug/l	97
17) Carbon Disulfide	4.38	76	153031	38.078	ug/l	99
18) Methyl Acetate	4.68	43	90987	131.685	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	151959	72.287	ug/l	99
20) Methylene Chloride	4.91	84	99673	65.909	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	85417	53.451	ug/l	97
22) Diisopropyl ether	6.31	45	250470	65.173	ug/l	98
23) Vinyl Acetate	6.32	43	136210	63.912	ug/l #	70
24) 1,1-Dichloroethane	6.21	63	163718	62.856	ug/l	99
25) 2-Butanone	7.18	43	75751	220.928	ug/l	98
26) 2,2-Dichloropropane	7.17	77	98919	63.046	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	99078	55.418	ug/l	100
28) Bromochloromethane	7.51	49	57608	55.700	ug/l	98
29) Tetrahydrofuran	7.54	42	74459	345.259	ug/l	99
30) Chloroform	7.68	83	172822	60.519	ug/l	98
31) Cyclohexane	7.96	56	88185	37.199	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	142929	59.149	ug/l	99
36) 1,1-Dichloropropene	8.09	75	107975	50.389	ug/l	100
37) Ethyl Acetate	7.26	43	5670	7.636	ug/l #	73
38) Carbon Tetrachloride	8.07	117	124421	55.568	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	69306	25.487	ug/l	99
40) Benzene	8.33	78	352933	57.987	ug/l	98
41) Methacrylonitrile	7.49	41	19390	42.583	ug/l	95
42) 1,2-Dichloroethane	8.40	62	108554	62.191	ug/l	100
43) Isopropyl Acetate	8.43	43	18602	12.554	ug/l #	59
44) Trichloroethene	9.09	130	91397	48.663	ug/l	98
45) 1,2-Dichloropropane	9.37	63	85895	60.642	ug/l	99
46) Dibromomethane	9.46	93	48824	58.639	ug/l	99
47) Bromodichloromethane	9.65	83	112107	57.988	ug/l	98
48) Methyl methacrylate	9.44	41	40997	57.425	ug/l	98
49) 1,4-Dioxane	9.48	88	14975	1228.938	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	226057	297.041	ug/l	100
52) Toluene	10.39	92	196014	48.016	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	87866	47.224	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	98993	45.023	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	69525	58.851	ug/l	99
56) Ethyl methacrylate	10.65	69	13951	10.390	ug/l #	79
57) 1,3-Dichloropropane	10.93	76	108731	56.680	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	153091	234.543	ug/l	99
59) 2-Hexanone	10.98	43	106094	205.257	ug/l	99
60) Dibromochloromethane	11.13	129	75507	53.945	ug/l	99
61) 1,2-Dibromoethane	11.24	107	61515	52.435	ug/l	100
64) Tetrachloroethene	10.87	164	63743	47.225	ug/l	97
65) Chlorobenzene	11.66	112	189880	53.290	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	81132	64.782	ug/l	99
67) Ethyl Benzene	11.74	91	297886	50.017	ug/l	99
68) m/p-Xylenes	11.85	106	231208	97.170	ug/l	100
69) o-Xylene	12.17	106	112580	49.699	ug/l	99
70) Styrene	12.19	104	163704	44.326	ug/l	98
71) Bromoform	12.35	173	44572	67.139	ug/l #	98
73) Isopropylbenzene	12.47	105	236364	65.096	ug/l	100
74) N-amyl acetate	12.27	43	1764	2.811	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	65873	114.863	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	53026m	123.299	ug/l	
77) Bromobenzene	12.75	156	72217	76.817	ug/l	95
78) n-propylbenzene	12.81	91	230561	55.205	ug/l	99
79) 2-Chlorotoluene	12.90	91	147962	61.731	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	169864	55.684	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12667	74.879	ug/l	99
82) 4-Chlorotoluene	12.99	91	152501	60.139	ug/l	99
83) tert-Butylbenzene	13.21	119	134340	49.383	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	171702	54.875	ug/l	100
85) sec-Butylbenzene	13.39	105	149167	39.151	ug/l	99
86) p-Isopropyltoluene	13.51	119	128339	37.019	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	93973	50.756	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	95885	52.247	ug/l	99
89) n-Butylbenzene	13.83	91	81840	26.593	ug/l	99
90) Hexachloroethane	14.10	117	22002	38.615	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	88171	52.943	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9061	97.372	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	26992	21.797	ug/l	98
94) Hexachlorobutadiene	15.25	225	10382	13.452	ug/l	98
95) Naphthalene	15.38	128	55436	27.853	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	23610	21.693	ug/l	99

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

