

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112818\
 Data File : VW007127.D
 Acq On : 28 Nov 2018 21:29
 Operator : VAY/AP
 Sample : VSTDCCC050
 Misc : 6.74G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 11/29/2018 12:19:27 PM

Quant Time: Nov 29 05:53:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	94232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	147716	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	142912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	75186	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	52246	56.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.26%	
35) Dibromofluoromethane	7.88	113	47319	56.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.44%	
50) Toluene-d8	10.32	98	207680	56.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.76%	
62) 4-Bromofluorobenzene	12.62	95	84508	58.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	44337	47.654	ug/l	100
3) Chloromethane	2.21	50	39059	50.375	ug/l	99
4) Vinyl Chloride	2.36	62	38295	50.199	ug/l	99
5) Bromomethane	2.78	94	23550	57.838	ug/l	94
6) Chloroethane	2.92	64	21116	50.213	ug/l	100
7) Trichlorofluoromethane	3.26	101	76308	50.869	ug/l	97
8) Diethyl Ether	3.69	74	25195	52.125	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	47105	48.437	ug/l	100
10) Methyl Iodide	4.28	142	58924	52.930	ug/l	100
11) Tert butyl alcohol	5.23	59	18369	305.859	ug/l	99
12) 1,1-Dichloroethene	4.04	96	43350	50.825	ug/l	99
13) Acrolein	3.90	56	14428	233.931	ug/l	100
14) Allyl chloride	4.68	41	73024	51.618	ug/l	98
15) Acrylonitrile	5.38	53	53338	293.600	ug/l	100
16) Acetone	4.15	43	39018	291.301	ug/l	99
17) Carbon Disulfide	4.39	76	143701	52.112	ug/l	100
18) Methyl Acetate	4.68	43	26512	55.581	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	127976	57.463	ug/l	99
20) Methylene Chloride	4.92	84	56787	53.587	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	50042	50.365	ug/l	97
22) Diisopropyl ether	6.32	45	149340	54.236	ug/l	98
23) Vinyl Acetate	6.26	43	427039	292.045	ug/l	99
24) 1,1-Dichloroethane	6.23	63	87112	52.004	ug/l	99
25) 2-Butanone	7.18	43	65270	284.513	ug/l	99
26) 2,2-Dichloropropane	7.17	77	77005	51.120	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	57075	53.942	ug/l	97
28) Bromochloromethane	7.51	49	34241	54.692	ug/l	99
29) Tetrahydrofuran	7.54	42	42613	286.808	ug/l	99
30) Chloroform	7.68	83	92782	52.136	ug/l	97
31) Cyclohexane	7.96	56	82646	46.515	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	84580	52.766	ug/l	99
36) 1,1-Dichloropropene	8.09	75	74199	51.402	ug/l	100
37) Ethyl Acetate	7.26	43	29653	56.689	ug/l	98
38) Carbon Tetrachloride	8.07	117	73925	53.481	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	92357	51.128	ug/l	98
40) Benzene	8.33	78	210016	53.899	ug/l	99
41) Methacrylonitrile	7.49	41	17354	53.422	ug/l	98
42) 1,2-Dichloroethane	8.40	62	61922	54.737	ug/l	99
43) Isopropyl Acetate	8.43	43	59985	60.176	ug/l	97
44) Trichloroethene	9.09	130	59354	54.339	ug/l	94
45) 1,2-Dichloropropane	9.37	63	52006	54.144	ug/l	98
46) Dibromomethane	9.46	93	27151	56.446	ug/l	99
47) Bromodichloromethane	9.65	83	70827	55.887	ug/l	98
48) Methyl methacrylate	9.44	41	28915	60.159	ug/l	97
49) 1,4-Dioxane	9.47	88	9084	1270.619	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	146939	291.691	ug/l	99
52) Toluene	10.39	92	149410	56.344	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	71193	57.991	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	84520	56.985	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	38949	55.037	ug/l	97
56) Ethyl methacrylate	10.65	69	51361	62.523	ug/l	98
57) 1,3-Dichloropropane	10.93	76	67449	56.873	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	112934	263.089	ug/l	100
59) 2-Hexanone	10.97	43	105680	306.352	ug/l	99
60) Dibromochloromethane	11.13	129	48646	60.326	ug/l	100
61) 1,2-Dibromoethane	11.24	107	38285	59.138	ug/l	99
64) Tetrachloroethene	10.87	164	51385	55.891	ug/l	97
65) Chlorobenzene	11.66	112	166812	55.925	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	50453	55.915	ug/l	97
67) Ethyl Benzene	11.73	91	297973	54.379	ug/l	99
68) m/p-Xylenes	11.84	106	236096	109.822	ug/l	100
69) o-Xylene	12.17	106	111472	54.991	ug/l	98
70) Styrene	12.18	104	183064	56.742	ug/l	100
71) Bromoform	12.35	173	24882	58.537	ug/l #	97
73) Isopropylbenzene	12.47	105	306223	52.405	ug/l	100
74) N-amyl acetate	12.27	43	58424	59.656	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	42363	54.475	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	33146m	56.103	ug/l	
77) Bromobenzene	12.75	156	66761	53.194	ug/l	99
78) n-propylbenzene	12.81	91	361659	51.096	ug/l	100
79) 2-Chlorotoluene	12.90	91	212418	52.048	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	266245	52.690	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	13279	56.428	ug/l	99
82) 4-Chlorotoluene	12.99	91	225087	52.556	ug/l	100
83) tert-Butylbenzene	13.21	119	229217	52.395	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	267551	53.145	ug/l	99
85) sec-Butylbenzene	13.39	105	317667	51.399	ug/l	99
86) p-Isopropyltoluene	13.50	119	285009	52.272	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	138175	53.928	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	138072	54.048	ug/l	99
89) n-Butylbenzene	13.83	91	268831	52.392	ug/l	99
90) Hexachloroethane	14.10	117	42769	53.727	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	122811	54.702	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7804	59.419	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	77895	52.616	ug/l	98
94) Hexachlorobutadiene	15.24	225	42395	52.677	ug/l	99
95) Naphthalene	15.37	128	148986	55.440	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	66846	54.425	ug/l	99

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

