

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW006994.D
 Acq On : 21 Nov 2018 11:29
 Operator : VAY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 11/26/2018 12:16:19 PM

Quant Time: Nov 21 16:31:21 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	122514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	188388	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	177474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	88370	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	56401	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
35) Dibromofluoromethane	7.88	113	52563	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	10.32	98	243790	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.62	95	93035	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	60971	50.405	ug/l	98
3) Chloromethane	2.21	50	53701	53.271	ug/l	99
4) Vinyl Chloride	2.36	62	53891	54.335	ug/l	99
5) Bromomethane	2.78	94	28552	53.935	ug/l	92
6) Chloroethane	2.92	64	29720	54.359	ug/l	99
7) Trichlorofluoromethane	3.26	101	98157	50.329	ug/l	98
8) Diethyl Ether	3.69	74	29563	47.043	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	60475	47.830	ug/l	100
10) Methyl Iodide	4.28	142	67673	46.756	ug/l	100
11) Tert butyl alcohol	5.20	59	18032	230.936	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	56056	50.550	ug/l	96
13) Acrolein	3.90	56	20704	258.195	ug/l	100
14) Allyl chloride	4.68	41	92686	50.392	ug/l	99
15) Acrylonitrile	5.37	53	57692	244.258	ug/l	99
16) Acetone	4.14	43	38972	223.791	ug/l	100
17) Carbon Disulfide	4.39	76	185696	51.796	ug/l	100
18) Methyl Acetate	4.67	43	27819	44.858	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	138008	47.663	ug/l	99
20) Methylene Chloride	4.92	84	67325	48.332	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	62780	48.600	ug/l	97
22) Diisopropyl ether	6.31	45	174491	48.741	ug/l	98
23) Vinyl Acetate	6.26	43	473353	248.989	ug/l	99
24) 1,1-Dichloroethane	6.22	63	105057	48.239	ug/l	99
25) 2-Butanone	7.18	43	68751	230.505	ug/l	94
26) 2,2-Dichloropropane	7.17	77	97386	49.726	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	66035	48.003	ug/l	98
28) Bromochloromethane	7.52	49	40207	49.396	ug/l #	97
29) Tetrahydrofuran	7.53	42	45626	236.197	ug/l	97
30) Chloroform	7.68	83	108178	46.755	ug/l	99
31) Cyclohexane	7.96	56	112118	48.535	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	103610	49.716	ug/l	99
36) 1,1-Dichloropropene	8.08	75	94234	51.188	ug/l	100
37) Ethyl Acetate	7.26	43	31860	47.758	ug/l	98
38) Carbon Tetrachloride	8.07	117	90311	51.229	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	118802	51.568	ug/l	96
40) Benzene	8.32	78	254032	51.120	ug/l	98
41) Methacrylonitrile	7.48	41	20288	48.971	ug/l	95
42) 1,2-Dichloroethane	8.40	62	68682	47.605	ug/l	100
43) Isopropyl Acetate	8.43	43	62559	49.209	ug/l	99
44) Trichloroethene	9.09	130	70122	50.338	ug/l	98
45) 1,2-Dichloropropane	9.37	63	61076	49.859	ug/l	99
46) Dibromomethane	9.46	93	29744	48.487	ug/l	99
47) Bromodichloromethane	9.65	83	79502	49.189	ug/l	97
48) Methyl methacrylate	9.43	41	30510	49.773	ug/l	99
49) 1,4-Dioxane	9.46	88	9810	1075.924	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	158786	247.157	ug/l	99
52) Toluene	10.39	92	177140	52.379	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	79092	50.516	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	95793	50.642	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	42728	47.342	ug/l	98
56) Ethyl methacrylate	10.65	69	55255	52.742	ug/l	98
57) 1,3-Dichloropropane	10.93	76	73735	48.750	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	122757	224.232	ug/l	99
59) 2-Hexanone	10.97	43	114794	260.928	ug/l	100
60) Dibromochloromethane	11.13	129	51388	49.968	ug/l	98
61) 1,2-Dibromoethane	11.24	107	40379	48.907	ug/l	99
64) Tetrachloroethene	10.87	164	58278	51.044	ug/l	97
65) Chlorobenzene	11.66	112	189164	51.068	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	57183	51.032	ug/l	100
67) Ethyl Benzene	11.73	91	355961	52.311	ug/l	98
68) m/p-Xylenes	11.84	106	276294	103.492	ug/l	100
69) o-Xylene	12.17	106	130218	51.729	ug/l	100
70) Styrene	12.18	104	207391	51.764	ug/l	99
71) Bromoform	12.35	173	26829	50.826	ug/l #	100
73) Isopropylbenzene	12.47	105	359632	52.363	ug/l	99
74) N-amyl acetate	12.27	43	60366	52.443	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	45308	49.570	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	33590m	48.372	ug/l	
77) Bromobenzene	12.75	156	74635	50.596	ug/l	99
78) n-propylbenzene	12.81	91	432418	51.978	ug/l	99
79) 2-Chlorotoluene	12.90	91	243803	50.826	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	307508	51.777	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13913	50.302	ug/l	95
82) 4-Chlorotoluene	12.99	91	258544	51.362	ug/l	99
83) tert-Butylbenzene	13.21	119	266114	51.753	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	304049	51.384	ug/l	98
85) sec-Butylbenzene	13.39	105	375997	51.760	ug/l	99
86) p-Isopropyltoluene	13.51	119	333158	51.986	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	153678	51.030	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	153561	51.143	ug/l	99
89) n-Butylbenzene	13.83	91	318117	52.748	ug/l	99
90) Hexachloroethane	14.10	117	48618	51.963	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	135466	51.337	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7814	50.619	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	87230	50.131	ug/l	100
94) Hexachlorobutadiene	15.24	225	48025	50.770	ug/l	98
95) Naphthalene	15.38	128	156658	49.598	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	73120	50.651	ug/l	99

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

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