

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101718\
 Data File : VW006162.D
 Acq On : 18 Oct 2018 08:49
 Operator : VA/AP
 Sample : J5565-06MSD
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-5MSD

Manual Integrations
 APPROVED

apatel
 10/18/2018 4:40:27 PM

Quant Time: Oct 18 14:43:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	168122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	249063	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	174604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	53782	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	89421	64.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.32%	
35) Dibromofluoromethane	7.88	113	80691	54.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.66%	
50) Toluene-d8	10.33	98	268568	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
62) 4-Bromofluorobenzene	12.62	95	67818	32.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	51584	62.003	ug/l	96
3) Chloromethane	2.22	50	61542	57.466	ug/l	99
4) Vinyl Chloride	2.37	62	97544	63.780	ug/l	99
5) Bromomethane	2.79	94	48577	34.921	ug/l	98
6) Chloroethane	2.93	64	68194	62.220	ug/l	96
7) Trichlorofluoromethane	3.26	101	76469	53.672	ug/l	99
8) Diethyl Ether	3.68	74	50279	66.402	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.07	101	79516	53.256	ug/l	99
10) Methyl Iodide	4.27	142	50234	20.214	ug/l	99
11) Tert butyl alcohol	5.23	59	33958	362.254	ug/l	100
12) 1,1-Dichloroethene	4.04	96	87911	62.583	ug/l	98
14) Allvl chloride	4.67	41	76045	37.861	ug/l	97
15) Acrylonitrile	5.37	53	81232	299.104	ug/l	100
16) Acetone	4.14	43	86599	336.284	ug/l	99
17) Carbon Disulfide	4.37	76	96302	22.715	ug/l	99
18) Methyl Acetate	4.67	43	77454	110.422	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	157963	73.831	ug/l	99
20) Methylene Chloride	4.91	84	151518	104.511	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	94485	60.261	ug/l	98
22) Diisopropyl ether	6.31	45	262871	66.229	ug/l	97
23) Vinyl Acetate	6.31	43	140010	59.772	ug/l #	71
24) 1,1-Dichloroethane	6.21	63	166108	64.857	ug/l	97
25) 2-Butanone	7.18	43	110542	293.573	ug/l	99
26) 2,2-Dichloropropane	7.17	77	84472	46.764	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	107105	61.901	ug/l	98
28) Bromochloromethane	7.51	49	75899	76.763	ug/l	94
29) Tetrahydrofuran	7.54	42	84799	366.381	ug/l	98
30) Chloroform	7.68	83	178275	63.890	ug/l	99
31) Cyclohexane	7.96	56	98394	38.578	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	141581	56.248	ug/l	99
36) 1,1-Dichloropropene	8.09	75	117400	51.140	ug/l	99
37) Ethyl Acetate	7.26	43	3997m	4.686	ug/l	
38) Carbon Tetrachloride	8.07	117	98385	39.094	ug/l	97
39) Methylcyclohexane	9.34	83	76754	25.152	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.32	78	365316	58.013	ug/l	100
41) Methacrylonitrile	7.49	41	18343	35.674	ug/l #	86
42) 1,2-Dichloroethane	8.40	62	120582	65.176	ug/l	100
43) Isopropyl Acetate	8.43	43	14637	8.393	ug/l #	61
44) Trichloroethene	9.09	130	105363	54.537	ug/l	100
45) 1,2-Dichloropropane	9.37	63	87608	58.139	ug/l	98
46) Dibromomethane	9.46	93	58972	68.664	ug/l	98
47) Bromodichloromethane	9.65	83	89232	42.854	ug/l	99
48) Methyl methacrylate	9.44	41	44224	53.498	ug/l	99
49) 1,4-Dioxane	9.47	88	20092	1519.631	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	274574	314.239	ug/l	99
52) Toluene	10.39	92	206304	48.867	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	75100	36.200	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	77342	32.483	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	72361	60.207	ug/l	98
56) Ethyl methacrylate	10.65	69	3915	2.657	ug/l #	69
57) 1,3-Dichloropropane	10.94	76	120017	60.324	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	114425	203.243	ug/l	98
59) 2-Hexanone	10.98	43	151528	242.938	ug/l	99
60) Dibromochloromethane	11.13	129	58382	38.998	ug/l	100
61) 1,2-Dibromoethane	11.24	107	64160	53.428	ug/l	99
64) Tetrachloroethene	10.87	164	72233	53.290	ug/l	99
65) Chlorobenzene	11.66	112	202457	54.165	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	76680	57.727	ug/l	99
67) Ethyl Benzene	11.74	91	333473	51.481	ug/l	99
68) m/p-Xylenes	11.85	106	249227	97.342	ug/l	99
69) o-Xylene	12.17	106	123887	50.772	ug/l	99
70) Stvrene	12.18	104	147274	37.117	ug/l	96
71) Bromoform	12.35	173	31242	42.168	ug/l #	99
73) Isopropylbenzene	12.47	105	272088	71.611	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	71036	122.923	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	49396m	120.247	ug/l	
77) Bromobenzene	12.75	156	76590	82.299	ug/l	99
78) n-propylbenzene	12.81	91	257157	58.175	ug/l	99
79) 2-Chlorotoluene	12.90	91	160153	64.482	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	190746	59.551	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	7072	41.152	ug/l	89
82) 4-Chlorotoluene	12.99	91	161655	62.134	ug/l	100
83) tert-Butylbenzene	13.21	119	157694	55.026	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	192176	59.291	ug/l	100
85) sec-Butylbenzene	13.39	105	164202	40.557	ug/l	100
86) p-Isopropyltoluene	13.51	119	135130	36.901	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	94489	51.017	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	97808	53.039	ug/l	99
89) n-Butylbenzene	13.83	91	77687	23.197	ug/l	99
90) Hexachloroethane	14.10	117	17100	27.568	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	88063	53.304	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9697	93.721	ug/l	98
93) 1,2,4-Trichlorobenzene	15.15	180	27490	21.626	ug/l	99
94) Hexachlorobutadiene	15.24	225	10072	12.613	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.38	128	84228	39.831	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	22220	20.209	ug/l	98

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

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