

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
 Data File : VW007691.D
 Acq On : 19 Dec 2018 07:34
 Operator : SY/AP
 Sample : J6386-14MSD
 Misc : 5.89G/5ML/MSVOA_W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-1824-01MSD

Manual Integrations
 APPROVED

apatel
 12/19/2018 12:15:55 PM

Quant Time: Dec 19 08:58:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	45360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	74086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	57545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	20744	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	30567	60.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.48%	
35) Dibromofluoromethane	7.88	113	25923	57.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.60%	
50) Toluene-d8	10.32	98	80068	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
62) 4-Bromofluorobenzene	12.62	95	25497	41.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	14964	47.208	ug/l	93
3) Chloromethane	2.21	50	11810	44.487	ug/l	99
4) Vinyl Chloride	2.37	62	15579	50.007	ug/l	100
5) Bromomethane	2.79	94	10804	51.615	ug/l	99
6) Chloroethane	2.94	64	8918	52.003	ug/l	98
7) Trichlorofluoromethane	3.26	101	15305	54.644	ug/l	93
8) Diethyl Ether	3.68	74	13938	63.580	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	19858	42.968	ug/l	95
10) Methyl Iodide	4.26	142	37697	49.250	ug/l	95
11) Tert butyl alcohol	5.17	59	10559	305.514	ug/l #	89
12) 1,1-Dichloroethene	4.03	96	22245	49.992	ug/l	99
14) Allyl chloride	4.67	41	32200	49.093	ug/l	96
15) Acrylonitrile	5.37	53	28940	313.158	ug/l	98
16) Acetone	4.12	43	62664	712.902	ug/l	97
17) Carbon Disulfide	4.38	76	60935	45.165	ug/l	99
18) Methyl Acetate	4.67	43	44833	187.924	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	44808	66.752	ug/l	99
20) Methylene Chloride	4.91	84	29026	61.268	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	26030	52.294	ug/l	96
22) Diisopropyl ether	6.31	45	68261	54.145	ug/l	93
23) Vinyl Acetate	6.31	43	39021	55.336	ug/l #	72
24) 1,1-Dichloroethane	6.22	63	46826	54.955	ug/l	98
25) 2-Butanone	7.16	43	31059	270.658	ug/l	99
26) 2,2-Dichloropropane	7.17	77	27646	49.025	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	29740	54.566	ug/l	98
28) Bromochloromethane	7.51	49	18042	56.293	ug/l	93
29) Tetrahydrofuran	7.53	42	22830	314.261	ug/l	92
30) Chloroform	7.68	83	53706	57.919	ug/l	99
31) Cyclohexane	7.96	56	24393	31.203	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	42540	52.315	ug/l	98
36) 1,1-Dichloropropene	8.08	75	32493	48.078	ug/l	99
37) Ethyl Acetate	7.25	43	1611m	6.409	ug/l	
38) Carbon Tetrachloride	8.07	117	38006	51.683	ug/l	98
39) Methylcyclohexane	9.34	83	21432	26.189	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.32	78	102338	54.564	ug/l	99
41) Methacrylonitrile	7.49	41	8344	58.291	ug/l	91
42) 1,2-Dichloroethane	8.40	62	39303	66.709	ug/l	100
43) Isopropyl Acetate	8.43	43	6414	12.918	ug/l #	60
44) Trichloroethene	9.09	130	27358	51.081	ug/l	100
45) 1,2-Dichloropropane	9.37	63	24730	56.978	ug/l	97
46) Dibromomethane	9.46	93	16300	66.132	ug/l	98
47) Bromodichloromethane	9.65	83	39289	60.770	ug/l	96
48) Methyl methacrylate	9.44	41	16921	66.355	ug/l	98
49) 1,4-Dioxane	9.45	88	4987	1246.974	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	73619	313.793	ug/l	99
52) Toluene	10.39	92	63054	51.949	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	35767	56.985	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	38924	53.645	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	22278	66.411	ug/l	97
56) Ethyl methacrylate	10.65	69	2624	6.508	ug/l #	76
57) 1,3-Dichloropropane	10.93	76	35749	64.927	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	57135	307.280	ug/l	97
59) 2-Hexanone	10.97	43	34754	222.158	ug/l	97
60) Dibromochloromethane	11.13	129	26723	63.123	ug/l	99
61) 1,2-Dibromoethane	11.24	107	21019	63.404	ug/l	98
64) Tetrachloroethene	10.86	164	17714	42.806	ug/l	91
65) Chlorobenzene	11.66	112	63124	52.629	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	25977	61.494	ug/l	99
67) Ethyl Benzene	11.73	91	99127	48.070	ug/l	92
68) m/p-Xylenes	11.84	106	77847	97.106	ug/l	98
69) o-Xylene	12.17	106	36825	49.185	ug/l	96
70) Styrene	12.18	104	55485	45.881	ug/l	98
71) Bromoform	12.35	173	14468	66.913	ug/l #	95
73) Isopropylbenzene	12.47	105	86667	54.525	ug/l	100
74) N-amyl acetate	12.28	43	647	2.240	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.72	83	22134	94.019	ug/l	94
76) 1,2,3-Trichloropropane	12.77	75	17553m	102.625	ug/l	
77) Bromobenzene	12.75	156	24523	69.603	ug/l	96
78) n-propylbenzene	12.81	91	90041	50.335	ug/l	100
79) 2-Chlorotoluene	12.90	91	58151	53.725	ug/l	95
80) 1,3,5-Trimethylbenzene	12.94	105	67270	50.368	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	5832	75.321	ug/l	98
82) 4-Chlorotoluene	12.99	91	62568	54.839	ug/l	96
83) tert-Butylbenzene	13.21	119	55602	47.248	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	69077	50.261	ug/l	99
85) sec-Butylbenzene	13.39	105	64469	40.130	ug/l	96
86) p-Isopropyltoluene	13.50	119	58001	40.188	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	35912	51.123	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	36826	52.146	ug/l	98
89) n-Butylbenzene	13.83	91	42750	31.952	ug/l	99
90) Hexachloroethane	14.10	117	10220	39.798	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	33105	52.617	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4288	90.762	ug/l	98
93) 1,2,4-Trichlorobenzene	15.14	180	12844	29.663	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.24	225	4252	18.508	ug/l	96
95) Naphthalene	15.38	128	33016	39.859	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	10881	28.929	ug/l	97

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

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