

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121318\
 Data File : VW007421.D
 Acq On : 12 Dec 2018 04:22
 Operator : SY/AP
 Sample : J6265-02MS
 Misc : 5.68G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S32-0632MS

Manual Integrations
 APPROVED

MMDadoda
 12/12/2018 2:42:30 PM

Quant Time: Dec 12 06:28:46 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	80413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	134894	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	121717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	59657	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	46746	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
35) Dibromofluoromethane	7.88	113	43235	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
50) Toluene-d8	10.32	98	164400	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
62) 4-Bromofluorobenzene	12.62	95	62066	55.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	26851	47.783	ug/l	99
3) Chloromethane	2.22	50	22394	47.584	ug/l	93
4) Vinyl Chloride	2.37	62	27717	50.186	ug/l	98
5) Bromomethane	2.78	94	18591	50.101	ug/l	92
6) Chloroethane	2.93	64	15658	51.504	ug/l	96
7) Trichlorofluoromethane	3.26	101	25718	51.795	ug/l	93
8) Diethyl Ether	3.68	74	20947	53.900	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41090	50.153	ug/l	99
10) Methyl Iodide	4.26	142	69268	51.048	ug/l	98
11) Tert butyl alcohol	5.17	59	16886	275.602	ug/l	98
12) 1,1-Dichloroethene	4.03	96	41604	52.741	ug/l	96
13) Acrolein	3.90	56	1208	29.796	ug/l	85
14) Allyl chloride	4.66	41	57698	49.622	ug/l	100
15) Acrylonitrile	5.37	53	43537	265.748	ug/l	99
16) Acetone	4.12	43	46662	299.448	ug/l	99
17) Carbon Disulfide	4.37	76	127783	53.426	ug/l	99
18) Methyl Acetate	4.67	43	38151	90.207	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	64015	53.794	ug/l	100
20) Methylene Chloride	4.92	84	51901	61.834	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	45688	51.775	ug/l	98
22) Diisopropyl ether	6.31	45	116574	52.159	ug/l	96
23) Vinyl Acetate	6.26	43	225484m	180.374	ug/l	
24) 1,1-Dichloroethane	6.21	63	78338	51.861	ug/l	98
25) 2-Butanone	7.17	43	54869	269.717	ug/l	99
26) 2,2-Dichloropropane	7.17	77	50264	50.279	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	50222	51.978	ug/l	97
28) Bromochloromethane	7.51	49	30141	53.049	ug/l	99
29) Tetrahydrofuran	7.53	42	34725	269.633	ug/l	98
30) Chloroform	7.67	83	87618	53.302	ug/l	100
31) Cyclohexane	7.95	56	65160	47.017	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	75166	52.144	ug/l	99
36) 1,1-Dichloropropene	8.09	75	65416	53.160	ug/l	99
37) Ethyl Acetate	7.26	43	22906	50.047	ug/l	97
38) Carbon Tetrachloride	8.07	117	72440	54.103	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	73570	49.374	ug/l	93
40) Benzene	8.32	78	182844	53.541	ug/l	98
41) Methacrylonitrile	7.48	41	12711	48.770	ug/l	85
42) 1,2-Dichloroethane	8.40	62	58637	54.661	ug/l	100
43) Isopropyl Acetate	8.43	43	47101	52.099	ug/l	99
44) Trichloroethene	9.09	130	51837	53.156	ug/l	96
45) 1,2-Dichloropropane	9.37	63	43439	54.967	ug/l	99
46) Dibromomethane	9.46	93	24711	55.062	ug/l	96
47) Bromodichloromethane	9.65	83	64352	54.667	ug/l	94
48) Methyl methacrylate	9.43	41	25288	54.463	ug/l	95
49) 1,4-Dioxane	9.45	88	8173	1122.388	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	123053	288.064	ug/l	99
52) Toluene	10.39	92	120523	54.535	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	61344	53.678	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	69895	52.906	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	34892	57.126	ug/l	96
56) Ethyl methacrylate	10.65	69	39904	54.354	ug/l	98
57) 1,3-Dichloropropane	10.93	76	58846	58.698	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	97296	287.389	ug/l	99
59) 2-Hexanone	10.97	43	84645	297.168	ug/l	98
60) Dibromochloromethane	11.13	129	44335	57.517	ug/l	100
61) 1,2-Dibromoethane	11.24	107	34248	56.739	ug/l	97
64) Tetrachloroethene	10.87	164	42128	48.130	ug/l	95
65) Chlorobenzene	11.66	112	132325	52.159	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	48199	53.943	ug/l	99
67) Ethyl Benzene	11.73	91	229708	52.664	ug/l	94
68) m/p-Xylenes	11.84	106	171520	101.152	ug/l	98
69) o-Xylene	12.17	106	83473	52.710	ug/l	98
70) Styrene	12.18	104	123667	48.347	ug/l	97
71) Bromoform	12.35	173	24702	54.012	ug/l #	99
73) Isopropylbenzene	12.47	105	221169	48.384	ug/l	99
74) N-amyl acetate	12.27	43	39702	47.790	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	39488	58.325	ug/l	92
76) 1,2,3-Trichloropropane	12.77	75	28757m	58.462	ug/l	
77) Bromobenzene	12.75	156	52939	52.247	ug/l	96
78) n-propylbenzene	12.81	91	243965	47.423	ug/l	99
79) 2-Chlorotoluene	12.90	91	152972	49.143	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	190773	49.669	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11518	51.726	ug/l	94
82) 4-Chlorotoluene	12.99	91	160694	48.974	ug/l	96
83) tert-Butylbenzene	13.21	119	165524	48.909	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	176406	44.632	ug/l	99
85) sec-Butylbenzene	13.39	105	194672	42.136	ug/l	95
86) p-Isopropyltoluene	13.51	119	182726	44.025	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	99235	49.121	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	99587	49.034	ug/l	95
89) n-Butylbenzene	13.83	91	137192	35.655	ug/l	99
90) Hexachloroethane	14.10	117	34752	47.057	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	90108	49.799	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7239	53.280	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	54534	43.795	ug/l	97
94) Hexachlorobutadiene	15.24	225	27027	40.907	ug/l	100
95) Naphthalene	15.38	128	92726	38.925	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	48392	44.737	ug/l	97

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

