

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010919\
 Data File : VW008122.D
 Acq On : 10 Jan 2019 01:25
 Operator : SY/AP
 Sample : VW0109SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBS02

Manual Integrations
 APPROVED

MMDadoda
 1/10/2019 5:06:23 PM

Quant Time: Jan 10 06:19:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	68506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	124145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	111886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	54247	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	38723	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
35) Dibromofluoromethane	7.88	113	36504	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	10.32	98	148929	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
62) 4-Bromofluorobenzene	12.62	95	51400	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	11299	20.209	ug/l	96
3) Chloromethane	2.21	50	16153	22.269	ug/l	99
4) Vinyl Chloride	2.37	62	20883	22.059	ug/l	93
5) Bromomethane	2.79	94	17055	24.049	ug/l	96
6) Chloroethane	2.93	64	14640	20.551	ug/l	97
7) Trichlorofluoromethane	3.26	101	14770	19.191	ug/l	95
8) Diethyl Ether	3.68	74	10268	23.600	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	16250	21.266	ug/l	95
10) Methyl Iodide	4.26	142	24927	22.383	ug/l	99
11) Tert butyl alcohol	5.24	59	5913	110.139	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	16347	21.790	ug/l	98
13) Acrolein	3.89	56	4281	82.513	ug/l	100
14) Allyl chloride	4.67	41	30425	22.337	ug/l	99
15) Acrylonitrile	5.37	53	20068	121.149	ug/l	97
16) Acetone	4.14	43	14947	94.877	ug/l #	87
17) Carbon Disulfide	4.37	76	49802	21.250	ug/l	96
18) Methyl Acetate	4.68	43	11768	24.183	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	28266	23.176	ug/l	99
20) Methylene Chloride	4.91	84	19792	23.567	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	18672	22.903	ug/l	95
22) Diisopropyl ether	6.32	45	61569	23.701	ug/l	98
23) Vinyl Acetate	6.26	43	159257	116.729	ug/l	99
24) 1,1-Dichloroethane	6.21	63	34379	22.713	ug/l	96
25) 2-Butanone	7.18	43	23646	110.380	ug/l	93
26) 2,2-Dichloropropane	7.17	77	20841	20.321	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	20264	22.781	ug/l	100
28) Bromochloromethane	7.51	49	13620	22.750	ug/l	98
29) Tetrahydrofuran	7.54	42	17631	123.209	ug/l	98
30) Chloroform	7.68	83	33600	23.322	ug/l	99
31) Cyclohexane	7.95	56	32540	20.082	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	27069	21.593	ug/l	97
36) 1,1-Dichloropropene	8.08	75	26301	20.567	ug/l	99
37) Ethyl Acetate	7.26	43	11690	22.817	ug/l	99
38) Carbon Tetrachloride	8.07	117	24943	21.310	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	31460	19.402	ug/l	99
40) Benzene	8.32	78	77325	22.293	ug/l	99
41) Methacrylonitrile	7.48	41	7000	21.629	ug/l	97
42) 1,2-Dichloroethane	8.40	62	21792	22.338	ug/l	97
43) Isopropyl Acetate	8.43	43	22985	22.439	ug/l	100
44) Trichloroethene	9.09	130	19701	22.188	ug/l	96
45) 1,2-Dichloropropane	9.37	63	20409	23.730	ug/l	100
46) Dibromomethane	9.46	93	9323	22.073	ug/l	97
47) Bromodichloromethane	9.65	83	24644	22.978	ug/l #	99
48) Methyl methacrylate	9.43	41	10673	22.081	ug/l	93
49) 1,4-Dioxane	9.48	88	3002	441.957	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	56163	113.268	ug/l	99
52) Toluene	10.39	92	49502	22.347	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	24221	21.712	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	28588	21.611	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	13546	22.843	ug/l	97
56) Ethyl methacrylate	10.65	69	16194	22.051	ug/l	95
57) 1,3-Dichloropropane	10.93	76	25173	23.211	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	41579	109.606	ug/l	99
59) 2-Hexanone	10.97	43	36105	107.676	ug/l	99
60) Dibromochloromethane	11.13	129	15125	23.227	ug/l	97
61) 1,2-Dibromoethane	11.24	107	13157	23.382	ug/l	98
64) Tetrachloroethene	10.87	164	15828	21.737	ug/l	97
65) Chlorobenzene	11.66	112	52043	21.956	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	17408	22.579	ug/l	99
67) Ethyl Benzene	11.73	91	92192	21.256	ug/l	97
68) m/p-Xylenes	11.84	106	71319	43.082	ug/l	98
69) o-Xylene	12.17	106	33424	21.803	ug/l	99
70) Styrene	12.18	104	54221	22.581	ug/l	99
71) Bromoform	12.35	173	7660	22.200	ug/l #	90
73) Isopropylbenzene	12.47	105	88549	20.792	ug/l	99
74) N-amyl acetate	12.27	43	21176	22.452	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	15276	22.409	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	12101m	24.470	ug/l	
77) Bromobenzene	12.75	156	19806	22.009	ug/l	95
78) n-propylbenzene	12.81	91	109449	20.974	ug/l	99
79) 2-Chlorotoluene	12.90	91	62939	21.619	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	74526	21.294	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	4545	21.402	ug/l	98
82) 4-Chlorotoluene	12.99	91	65841	21.473	ug/l	100
83) tert-Butylbenzene	13.21	119	64929	20.970	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	77926	21.589	ug/l	99
85) sec-Butylbenzene	13.39	105	94376	20.808	ug/l	99
86) p-Isopropyltoluene	13.51	119	81967	20.928	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	41167	22.551	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	41077	22.428	ug/l	98
89) n-Butylbenzene	13.83	91	78332	20.420	ug/l	100
90) Hexachloroethane	14.10	117	14502	21.922	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	35738	22.276	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2381	21.703	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	23176	21.759	ug/l	98
94) Hexachlorobutadiene	15.24	225	12269	21.521	ug/l	96
95) Naphthalene	15.38	128	43072	21.657	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	20291	22.347	ug/l	98

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

