

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010219\
 Data File : VW008010.D
 Acq On : 02 Jan 2019 15:57
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW010219

Manual Integrations
 APPROVED

MMDadoda
 1/3/2019 10:55:41 AM

Quant Time: Jan 03 05:36:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	72466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	111333	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	101892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	50848	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	41408	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
35) Dibromofluoromethane	7.88	113	37126	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
50) Toluene-d8	10.32	98	139899	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.62	95	54110	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	32529	48.915	ug/l	88
3) Chloromethane	2.22	50	24841	50.353	ug/l	98
4) Vinyl Chloride	2.37	62	31867	50.014	ug/l	94
5) Bromomethane	2.78	94	19462	48.077	ug/l	91
6) Chloroethane	2.93	64	15961	49.011	ug/l #	86
7) Trichlorofluoromethane	3.26	101	32498	50.810	ug/l	98
8) Diethyl Ether	3.68	74	15865	48.294	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	37354	49.145	ug/l	99
10) Methyl Iodide	4.26	142	58396	47.755	ug/l	99
11) Tert butyl alcohol	5.17	59	11453	219.943	ug/l	98
12) 1,1-Dichloroethene	4.03	96	35415	48.677	ug/l	93
13) Acrolein	3.89	56	8453	239.586	ug/l	98
14) Allyl chloride	4.67	41	48022	48.721	ug/l	98
15) Acrylonitrile	5.37	53	29693	245.748	ug/l	99
16) Acetone	4.12	43	31593	254.635	ug/l	98
17) Carbon Disulfide	4.37	76	109037	49.063	ug/l	97
18) Methyl Acetate	4.68	43	16304	50.671	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	55706	48.653	ug/l	99
20) Methylene Chloride	4.91	84	33601	43.610	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	37087	46.852	ug/l	92
22) Diisopropyl ether	6.32	45	84913	47.996	ug/l	95
23) Vinyl Acetate	6.26	43	241922	244.404	ug/l	97
24) 1,1-Dichloroethane	6.21	63	62129	47.265	ug/l	98
25) 2-Butanone	7.17	43	35657	243.920	ug/l	98
26) 2,2-Dichloropropane	7.17	77	51676	47.716	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	39857	47.269	ug/l	98
28) Bromochloromethane	7.51	49	20705	49.007	ug/l #	99
29) Tetrahydrofuran	7.53	42	22025	242.562	ug/l	99
30) Chloroform	7.68	83	69276	47.024	ug/l	95
31) Cyclohexane	7.95	56	55679	45.446	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	68906	48.881	ug/l	99
36) 1,1-Dichloropropene	8.08	75	55082	50.154	ug/l	98
37) Ethyl Acetate	7.25	43	15959	48.377	ug/l	98
38) Carbon Tetrachloride	8.07	117	66514	50.535	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	66057	48.253	ug/l	99
40) Benzene	8.32	78	140617	48.534	ug/l	100
41) Methacrylonitrile	7.48	41	9346	48.185	ug/l	89
42) 1,2-Dichloroethane	8.40	62	46888	48.572	ug/l	99
43) Isopropyl Acetate	8.43	43	33202	50.371	ug/l	100
44) Trichloroethene	9.09	130	41588	48.642	ug/l	97
45) 1,2-Dichloropropane	9.37	63	31009	49.446	ug/l	97
46) Dibromomethane	9.46	93	17877	48.757	ug/l	98
47) Bromodichloromethane	9.65	83	49125	47.835	ug/l	96
48) Methyl methacrylate	9.44	41	16331	49.138	ug/l	97
49) 1,4-Dioxane	9.45	88	5272	971.620	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	73584	241.170	ug/l	99
52) Toluene	10.39	92	93053	48.650	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	47744	48.348	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	53008	48.104	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	23622	47.584	ug/l	97
56) Ethyl methacrylate	10.65	69	28368	50.547	ug/l	98
57) 1,3-Dichloropropane	10.93	76	39713	47.079	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	67084	252.040	ug/l	99
59) 2-Hexanone	10.97	43	52758	250.469	ug/l	97
60) Dibromochloromethane	11.13	129	33435	49.203	ug/l	99
61) 1,2-Dibromoethane	11.24	107	24648	49.614	ug/l	99
64) Tetrachloroethene	10.87	164	33540	47.654	ug/l	98
65) Chlorobenzene	11.66	112	107219	49.236	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	38239	48.490	ug/l	97
67) Ethyl Benzene	11.73	91	188164	48.681	ug/l	99
68) m/p-Xylenes	11.84	106	146451	98.004	ug/l	99
69) o-Xylene	12.17	106	68643	49.367	ug/l	100
70) Styrene	12.18	104	112511	49.644	ug/l	100
71) Bromoform	12.35	173	17940	49.103	ug/l #	98
73) Isopropylbenzene	12.47	105	197627	48.877	ug/l	99
74) N-amyl acetate	12.27	43	30399	48.299	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	24597	47.811	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	20240m	50.035	ug/l	
77) Bromobenzene	12.75	156	41976	48.300	ug/l	99
78) n-propylbenzene	12.81	91	229426	48.940	ug/l	100
79) 2-Chlorotoluene	12.90	91	131828	48.656	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	169161	48.604	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	8593	50.235	ug/l	97
82) 4-Chlorotoluene	12.99	91	138396	48.038	ug/l	100
83) tert-Butylbenzene	13.21	119	149342	49.045	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	170056	48.240	ug/l	99
85) sec-Butylbenzene	13.39	105	203058	48.476	ug/l	99
86) p-Isopropyltoluene	13.51	119	186283	49.304	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	84459	48.166	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	84397	48.615	ug/l	99
89) n-Butylbenzene	13.83	91	167027	48.331	ug/l	99
90) Hexachloroethane	14.10	117	31556	48.133	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	73518	47.711	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5263	50.404	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	51314	47.414	ug/l	99
94) Hexachlorobutadiene	15.24	225	29996	48.002	ug/l	97
95) Naphthalene	15.38	128	91742	49.774	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	42878	48.150	ug/l	99

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

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