

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012819\
 Data File : VW008432.D
 Acq On : 28 Jan 2019 11:54
 Operator : SY/VA
 Sample : VW0128SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/29/2019 12:19:46 PM

Quant Time: Jan 29 04:22:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	471619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	712099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	621537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	318714	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	223148	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
35) Dibromofluoromethane	7.88	113	222066	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
50) Toluene-d8	10.32	98	873953	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.62	95	319486	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	38572	16.484	ug/l	98
3) Chloromethane	2.21	50	57400	14.910	ug/l	97
4) Vinyl Chloride	2.36	62	81834	16.699	ug/l	98
5) Bromomethane	2.78	94	56485	17.870	ug/l	94
6) Chloroethane	2.92	64	53478	17.843	ug/l	98
7) Trichlorofluoromethane	3.25	101	59123	17.285	ug/l	97
8) Diethyl Ether	3.67	74	38697	16.453	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.05	101	74517	17.469	ug/l	96
10) Methyl Iodide	4.26	142	119418	17.724	ug/l	99
11) Tert butyl alcohol	5.17	59	29163	78.179	ug/l	95
12) 1,1-Dichloroethene	4.03	96	76520	17.726	ug/l	97
13) Acrolein	3.89	56	31442	98.121	ug/l	99
14) Allyl chloride	4.66	41	129689	15.821	ug/l	98
15) Acrylonitrile	5.36	53	78657	77.449	ug/l	99
16) Acetone	4.12	43	84459	81.175	ug/l	97
17) Carbon Disulfide	4.37	76	226583	16.434	ug/l	97
18) Methyl Acetate	4.67	43	39767	14.330	ug/l	92
19) Methyl tert-butyl Ether	5.42	73	116084	16.253	ug/l	99
20) Methylene Chloride	4.90	84	80917	16.873	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	82392	16.977	ug/l	94
22) Diisopropyl ether	6.31	45	237422	15.282	ug/l	98
23) Vinyl Acetate	6.25	43	695939	75.864	ug/l	98
24) 1,1-Dichloroethane	6.21	63	142133	16.163	ug/l	98
25) 2-Butanone	7.17	43	110081	76.171	ug/l	96
26) 2,2-Dichloropropane	7.16	77	102349	17.219	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	87374	16.519	ug/l	98
28) Bromochloromethane	7.51	49	69877	17.300	ug/l	93
29) Tetrahydrofuran	7.52	42	67826	74.061	ug/l	92
30) Chloroform	7.67	83	140155	16.204	ug/l	99
31) Cyclohexane	7.95	56	146923	16.158	ug/l	# 95
32) 1,1,1-Trichloroethane	7.87	97	128092	17.146	ug/l	98
36) 1,1-Dichloropropene	8.08	75	119011	17.693	ug/l	98
37) Ethyl Acetate	7.25	43	47512	15.965	ug/l	96
38) Carbon Tetrachloride	8.06	117	122875	18.153	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	153585	17.381	ug/l	98
40) Benzene	8.32	78	315728	16.915	ug/l	99
41) Methacrylonitrile	7.48	41	30339	17.217	ug/l	96
42) 1,2-Dichloroethane	8.40	62	90006	16.640	ug/l	98
43) Isopropyl Acetate	8.42	43	101037	16.342	ug/l	97
44) Trichloroethene	9.09	130	92365	18.197	ug/l	92
45) 1,2-Dichloropropane	9.37	63	77064	16.559	ug/l	99
46) Dibromomethane	9.45	93	40787	17.039	ug/l	97
47) Bromodichloromethane	9.64	83	106546	16.828	ug/l	100
48) Methyl methacrylate	9.43	41	48724	16.117	ug/l	97
49) 1,4-Dioxane	9.45	88	13860	342.550	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	236954	77.576	ug/l	98
52) Toluene	10.38	92	210777	17.107	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	111452	16.543	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	128245	16.774	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	57226	17.236	ug/l	98
56) Ethyl methacrylate	10.65	69	73425	15.782	ug/l	98
57) 1,3-Dichloropropane	10.93	76	99136	16.667	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	198150	87.660	ug/l	96
59) 2-Hexanone	10.97	43	171447	79.508	ug/l	99
60) Dibromochloromethane	11.13	129	71757	16.818	ug/l	99
61) 1,2-Dibromoethane	11.24	107	55840	16.962	ug/l	97
64) Tetrachloroethene	10.86	164	79169	18.813	ug/l	99
65) Chlorobenzene	11.66	112	225771	17.794	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	80791	17.798	ug/l	99
67) Ethyl Benzene	11.73	91	411549	17.646	ug/l	99
68) m/p-Xylenes	11.84	106	320438	35.412	ug/l	96
69) o-Xylene	12.17	106	149101	17.342	ug/l	97
70) Styrene	12.18	104	240572	16.939	ug/l	98
71) Bromoform	12.35	173	43443	17.009	ug/l #	98
73) Isopropylbenzene	12.46	105	420486	17.697	ug/l	99
74) N-amyl acetate	12.27	43	94821	15.491	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	62959	16.736	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	46023m	16.609	ug/l	
77) Bromobenzene	12.75	156	94647	18.239	ug/l	93
78) n-propylbenzene	12.80	91	499503	17.503	ug/l	98
79) 2-Chlorotoluene	12.90	91	274588	17.051	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	344585	17.351	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	22429	15.987	ug/l	96
82) 4-Chlorotoluene	12.99	91	284368	16.586	ug/l	95
83) tert-Butylbenzene	13.21	119	317761	17.980	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	350400	17.358	ug/l	100
85) sec-Butylbenzene	13.38	105	447010	17.711	ug/l	100
86) p-Isopropyltoluene	13.50	119	392696	17.762	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	185296	17.681	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	183225	17.592	ug/l	99
89) n-Butylbenzene	13.83	91	374572	17.255	ug/l	100
90) Hexachloroethane	14.10	117	76817	17.767	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	164244	17.712	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11793	16.522	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	121382	18.343	ug/l	99
94) Hexachlorobutadiene	15.24	225	73917	18.535	ug/l	100
95) Naphthalene	15.37	128	200698	17.273	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	101771	18.131	ug/l	100

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

