

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030219\
 Data File : VW008939.D
 Acq On : 02 Mar 2019 00:38
 Operator : SY/VA
 Sample : VW0302SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0302SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/5/2019 4:05:20 AM

Quant Time: Mar 02 05:23:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	363245	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	348643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	186556	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	143497	64.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.20%	
35) Dibromofluoromethane	7.88	113	126067	57.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.60%	
50) Toluene-d8	10.32	98	470322	55.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.72%	
62) 4-Bromofluorobenzene	12.62	95	180327	54.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	44937	18.797	ug/l	98
3) Chloromethane	2.20	50	58089	19.961	ug/l	95
4) Vinyl Chloride	2.35	62	58759	19.070	ug/l	95
5) Bromomethane	2.75	94	51407	22.462	ug/l	98
6) Chloroethane	2.90	64	43784	20.011	ug/l	96
7) Trichlorofluoromethane	3.25	101	82270	21.111	ug/l	87
8) Diethyl Ether	3.68	74	27874	22.593	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	52227	22.070	ug/l	97
10) Methyl Iodide	4.27	142	46200	15.612	ug/l	97
11) Tert butyl alcohol	5.17	59	20861	104.667	ug/l	99
12) 1,1-Dichloroethene	4.03	96	44463	21.275	ug/l	99
13) Acrolein	3.89	56	14669	84.036	ug/l	99
14) Allyl chloride	4.66	41	77118	21.380	ug/l	98
15) Acrylonitrile	5.36	53	63522	119.971	ug/l	99
16) Acetone	4.12	43	55189	106.353	ug/l	94
17) Carbon Disulfide	4.37	76	131980	19.033	ug/l	99
18) Methyl Acetate	4.67	43	30253	24.579	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	137225	24.258	ug/l	95
20) Methylene Chloride	4.91	84	64357	22.351	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	55430	22.929	ug/l	99
22) Diisopropyl ether	6.31	45	175163	24.344	ug/l	98
23) Vinyl Acetate	6.26	43	532087	119.685	ug/l	99
24) 1,1-Dichloroethane	6.21	63	99899	23.959	ug/l	98
25) 2-Butanone	7.17	43	83726	115.406	ug/l	93
26) 2,2-Dichloropropane	7.16	77	73827	19.503	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	60653	23.454	ug/l	96
28) Bromochloromethane	7.51	49	42025	24.086	ug/l	99
29) Tetrahydrofuran	7.52	42	54979	118.917	ug/l	98
30) Chloroform	7.67	83	102437	23.948	ug/l	95
31) Cyclohexane	7.95	56	87942	20.836	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	89966	23.128	ug/l	98
36) 1,1-Dichloropropene	8.08	75	78132	22.096	ug/l	99
37) Ethyl Acetate	7.26	43	40283	24.499	ug/l	99
38) Carbon Tetrachloride	8.07	117	81343	21.814	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	86809	19.682	ug/l	97
40) Benzene	8.32	78	220123	22.801	ug/l	96
41) Methacrylonitrile	7.48	41	22830	23.621	ug/l	93
42) 1,2-Dichloroethane	8.40	62	73622	24.073	ug/l	98
43) Isopropyl Acetate	8.42	43	72285	22.027	ug/l	98
44) Trichloroethene	9.09	130	60725	22.328	ug/l	98
45) 1,2-Dichloropropane	9.37	63	57632	24.157	ug/l	96
46) Dibromomethane	9.46	93	32189	24.257	ug/l	97
47) Bromodichloromethane	9.64	83	78368	24.273	ug/l	95
48) Methyl methacrylate	9.44	41	33561	21.353	ug/l	97
49) 1,4-Dioxane	9.45	88	8628	406.004	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	188307	113.021	ug/l	100
52) Toluene	10.39	92	143292	21.870	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	72614	22.065	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	83944	22.365	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	45053	25.034	ug/l	94
56) Ethyl methacrylate	10.65	69	49210	21.047	ug/l	96
57) 1,3-Dichloropropane	10.93	76	74981	23.598	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	144371	122.770	ug/l	98
59) 2-Hexanone	10.97	43	122824	103.560	ug/l	100
60) Dibromochloromethane	11.13	129	52704	24.010	ug/l	98
61) 1,2-Dibromoethane	11.23	107	41303	23.186	ug/l	98
64) Tetrachloroethene	10.86	164	59174	23.711	ug/l	98
65) Chlorobenzene	11.66	112	161349	22.009	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	56840	22.931	ug/l	98
67) Ethyl Benzene	11.73	91	274503	20.946	ug/l	100
68) m/p-Xylenes	11.84	106	222070	42.410	ug/l	98
69) o-Xylene	12.16	106	102481	20.852	ug/l	100
70) Styrene	12.18	104	168715	21.337	ug/l	99
71) Bromoform	12.35	173	30331	22.764	ug/l #	98
73) Isopropylbenzene	12.46	105	272520	21.309	ug/l	99
74) N-amyl acetate	12.27	43	66451	20.627	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	50197	24.021	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	33623m	21.829	ug/l	
77) Bromobenzene	12.75	156	69016	22.836	ug/l	99
78) n-propylbenzene	12.80	91	332999	21.286	ug/l	99
79) 2-Chlorotoluene	12.89	91	193831	21.823	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	232659	20.934	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	12014	18.962	ug/l	98
82) 4-Chlorotoluene	12.99	91	202077	21.590	ug/l	100
83) tert-Butylbenzene	13.21	119	200688	20.883	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	237145	20.613	ug/l	100
85) sec-Butylbenzene	13.38	105	289020	20.916	ug/l	99
86) p-Isopropyltoluene	13.50	119	252839	19.960	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	136257	21.730	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	136356	22.064	ug/l	99
89) n-Butylbenzene	13.83	91	226279	19.067	ug/l	100
90) Hexachloroethane	14.10	117	45650	22.013	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	122116	21.857	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8046	21.285	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	78417	19.480	ug/l	99
94) Hexachlorobutadiene	15.24	225	49817	21.009	ug/l	99
95) Naphthalene	15.37	128	134781	19.665	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	71881	20.652	ug/l	99

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

