

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022619\
 Data File : VW008824.D
 Acq On : 26 Feb 2019 12:21
 Operator : SY/VA
 Sample : VW0226SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0226SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/27/2019 5:20:45 PM

Quant Time: Feb 27 06:11:39 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	315987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	453605	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	437081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	240984	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	163442	55.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.30%	
35) Dibromofluoromethane	7.88	113	150064	55.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.20%	
50) Toluene-d8	10.32	98	562588	53.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.02%	
62) 4-Bromofluorobenzene	12.62	95	219937	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	63244	19.983	ug/l	95
3) Chloromethane	2.21	50	78631	20.410	ug/l	99
4) Vinyl Chloride	2.35	62	80588	19.757	ug/l	98
5) Bromomethane	2.76	94	64156	21.176	ug/l	96
6) Chloroethane	2.91	64	55641	19.210	ug/l	96
7) Trichlorofluoromethane	3.26	101	111603	21.634	ug/l	98
8) Diethyl Ether	3.68	74	34607	21.189	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	66667	21.281	ug/l	96
10) Methyl Iodide	4.27	142	74865	19.111	ug/l	99
11) Tert butyl alcohol	5.20	59	27203	103.102	ug/l #	70
12) 1,1-Dichloroethene	4.04	96	57491	20.780	ug/l	95
13) Acrolein	3.90	56	24487	100.806	ug/l	99
14) Allyl chloride	4.67	41	100637	21.076	ug/l	99
15) Acrylonitrile	5.37	53	75027	107.039	ug/l	98
16) Acetone	4.13	43	72619	105.711	ug/l	99
17) Carbon Disulfide	4.38	76	183046	19.941	ug/l	98
18) Methyl Acetate	4.67	43	34069	20.909	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	167121	22.317	ug/l	97
20) Methylene Chloride	4.92	84	74634	18.874	ug/l	92
21) trans-1,2-Dichloroethene	5.43	96	67710	21.157	ug/l	93
22) Diisopropyl ether	6.31	45	206482	21.677	ug/l	98
23) Vinyl Acetate	6.26	43	658541	111.896	ug/l	98
24) 1,1-Dichloroethane	6.21	63	118951	21.550	ug/l	99
25) 2-Butanone	7.17	43	104173	108.467	ug/l	100
26) 2,2-Dichloropropane	7.17	77	109380	21.827	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	74953	21.895	ug/l	96
28) Bromochloromethane	7.51	49	48203	20.869	ug/l	98
29) Tetrahydrofuran	7.52	42	66722	109.016	ug/l	99
30) Chloroform	7.68	83	122555	21.643	ug/l	98
31) Cyclohexane	7.95	56	117366	21.006	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	111027	21.561	ug/l	98
36) 1,1-Dichloropropene	8.09	75	99649	22.568	ug/l	99
37) Ethyl Acetate	7.26	43	45652	22.233	ug/l	98
38) Carbon Tetrachloride	8.07	117	103462	22.218	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	115156	20.908	ug/l	97
40) Benzene	8.32	78	260792	21.632	ug/l	95
41) Methacrylonitrile	7.48	41	24356	20.180	ug/l	98
42) 1,2-Dichloroethane	8.40	62	84548	22.139	ug/l	98
43) Isopropyl Acetate	8.43	43	90192	22.008	ug/l	99
44) Trichloroethene	9.09	130	75253	22.158	ug/l	95
45) 1,2-Dichloropropane	9.37	63	65773	22.078	ug/l	100
46) Dibromomethane	9.46	93	36134	21.805	ug/l	99
47) Bromodichloromethane	9.65	83	90410	22.424	ug/l	97
48) Methyl methacrylate	9.44	41	42054	21.426	ug/l	98
49) 1,4-Dioxane	9.46	88	10164	383.007	ug/l	90
51) 4-Methyl-2-Pentanone	10.21	43	220303	105.885	ug/l	98
52) Toluene	10.39	92	172037	21.026	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	89159	21.696	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	104516	22.299	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	50849	22.626	ug/l	96
56) Ethyl methacrylate	10.65	69	59868	20.504	ug/l	97
57) 1,3-Dichloropropane	10.93	76	88699	22.354	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	179314	122.109	ug/l	99
59) 2-Hexanone	10.97	43	159924	107.981	ug/l	100
60) Dibromochloromethane	11.13	129	61758	22.530	ug/l	100
61) 1,2-Dibromoethane	11.23	107	49917	22.440	ug/l	100
64) Tetrachloroethene	10.87	164	63755	20.378	ug/l	98
65) Chlorobenzene	11.66	112	193466	21.051	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	66857	21.514	ug/l	97
67) Ethyl Benzene	11.73	91	344307	20.957	ug/l	99
68) m/p-Xylenes	11.84	106	273679	41.691	ug/l	99
69) o-Xylene	12.16	106	128805	20.905	ug/l	99
70) Styrene	12.18	104	204153	20.595	ug/l	99
71) Bromoform	12.35	173	37474	22.434	ug/l	# 99
73) Isopropylbenzene	12.47	105	346148	20.953	ug/l	99
74) N-amyl acetate	12.27	43	84165	20.225	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	59172	21.921	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	41389m	20.802	ug/l	
77) Bromobenzene	12.75	156	82645	21.170	ug/l	99
78) n-propylbenzene	12.80	91	424941	21.028	ug/l	99
79) 2-Chlorotoluene	12.90	91	239221	20.850	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	296856	20.677	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16618	20.305	ug/l	96
82) 4-Chlorotoluene	12.99	91	252285	20.866	ug/l	100
83) tert-Butylbenzene	13.21	119	254986	20.541	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	304957	20.520	ug/l	100
85) sec-Butylbenzene	13.38	105	374453	20.978	ug/l	99
86) p-Isopropyltoluene	13.50	119	331440	20.255	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	169549	20.933	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	168246	21.075	ug/l	98
89) n-Butylbenzene	13.83	91	310675	20.266	ug/l	100
90) Hexachloroethane	14.10	117	56681	21.159	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	149552	20.722	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9885	20.244	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	105337	20.257	ug/l	98
94) Hexachlorobutadiene	15.24	225	66032	21.558	ug/l	99
95) Naphthalene	15.37	128	181080	20.453	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	92518	20.578	ug/l	98

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

