

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040419\
 Data File : VW009689.D
 Acq On : 04 Apr 2019 11:55
 Operator : SY/VA
 Sample : VW0404SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0404SBS01

Manual Integrations
 APPROVED

mohammad
 4/5/2019 3:51:01 PM

Quant Time: Apr 05 08:10:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:24:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	343335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	537531	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	486240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	258526	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	215158	54.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.60%	
35) Dibromofluoromethane	7.88	113	178064	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
50) Toluene-d8	10.32	98	674279	54.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.08%	
62) 4-Bromofluorobenzene	12.62	95	256009	54.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	51225	23.005	ug/l	97
3) Chloromethane	2.21	50	53677	18.559	ug/l	97
4) Vinyl Chloride	2.37	62	77326	20.018	ug/l	97
5) Bromomethane	2.78	94	58782	19.724	ug/l	92
6) Chloroethane	2.92	64	56128	19.620	ug/l	96
7) Trichlorofluoromethane	3.25	101	50307	19.061	ug/l	95
8) Diethyl Ether	3.67	74	38126	21.513	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	77545	21.898	ug/l	96
10) Methyl Iodide	4.27	142	104955	21.721	ug/l	96
11) Tert butyl alcohol	5.17	59	26538	116.579	ug/l	95
12) 1,1-Dichloroethene	4.04	96	72656	21.924	ug/l	97
13) Acrolein	3.89	56	16984	101.722	ug/l	98
14) Allyl chloride	4.66	41	123836	23.363	ug/l	96
15) Acrylonitrile	5.37	53	84782	104.660	ug/l	99
16) Acetone	4.12	43	107449	121.723	ug/l	96
17) Carbon Disulfide	4.38	76	202416	21.466	ug/l	98
18) Methyl Acetate	4.67	43	39767	18.636	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	108391	23.517	ug/l	96
20) Methylene Chloride	4.91	84	85310	22.501	ug/l #	87
21) trans-1,2-Dichloroethene	5.41	96	77358	21.986	ug/l	91
22) Diisopropyl ether	6.31	45	262661	22.946	ug/l	99
23) Vinyl Acetate	6.25	43	808852	113.267	ug/l	100
24) 1,1-Dichloroethane	6.21	63	152980	22.204	ug/l	98
25) 2-Butanone	7.17	43	131429	107.743	ug/l	95
26) 2,2-Dichloropropane	7.15	77	92555	23.497	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	86871	22.608	ug/l	95
28) Bromochloromethane	7.51	49	61687	20.662	ug/l #	93
29) Tetrahydrofuran	7.53	42	79318	104.718	ug/l	99
30) Chloroform	7.67	83	156141	21.881	ug/l	95
31) Cyclohexane	7.95	56	140534	21.757	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	128262	22.203	ug/l	98
36) 1,1-Dichloropropene	8.08	75	123284	22.174	ug/l	99
37) Ethyl Acetate	7.25	43	56596	21.426	ug/l	98
38) Carbon Tetrachloride	8.06	117	123795	21.730	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	139712	21.999	ug/l	99
40) Benzene	8.32	78	327792	21.766	ug/l	99
41) Methacrylonitrile	7.48	41	28635	19.262	ug/l	97
42) 1,2-Dichloroethane	8.40	62	113586	22.124	ug/l	97
43) Isopropyl Acetate	8.42	43	109999	21.249	ug/l	99
44) Trichloroethene	9.09	130	83940	21.530	ug/l	96
45) 1,2-Dichloropropane	9.37	63	83186	21.580	ug/l	97
46) Dibromomethane	9.45	93	44590	21.354	ug/l	96
47) Bromodichloromethane	9.64	83	115184	21.624	ug/l	99
48) Methyl methacrylate	9.43	41	52360	21.577	ug/l	98
49) 1,4-Dioxane	9.45	88	13446	432.389	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	284823	102.835	ug/l	99
52) Toluene	10.38	92	208282	22.085	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	111625	21.402	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	127571	22.060	ug/l	91
55) 1,1,2-Trichloroethane	10.79	97	59884	21.216	ug/l	98
56) Ethyl methacrylate	10.65	69	73592	21.193	ug/l	95
57) 1,3-Dichloropropane	10.93	76	105516	21.090	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	164447	98.377	ug/l	97
59) 2-Hexanone	10.97	43	200750	104.730	ug/l	98
60) Dibromochloromethane	11.13	129	72229	21.193	ug/l	100
61) 1,2-Dibromoethane	11.23	107	56973	21.049	ug/l	99
64) Tetrachloroethene	10.86	164	71729	21.727	ug/l	96
65) Chlorobenzene	11.66	112	226247	22.093	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	81672	21.888	ug/l	99
67) Ethyl Benzene	11.73	91	411169	22.789	ug/l	99
68) m/p-Xylenes	11.84	106	311168	45.420	ug/l	97
69) o-Xylene	12.16	106	145546	22.813	ug/l	98
70) Styrene	12.18	104	239526	22.477	ug/l	99
71) Bromoform	12.35	173	41041	20.439	ug/l #	99
73) Isopropylbenzene	12.46	105	417591	23.211	ug/l	100
74) N-amyl acetate	12.27	43	104680	22.070	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	71195	20.925	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	50996m	20.976	ug/l	
77) Bromobenzene	12.75	156	91023	21.969	ug/l	95
78) n-propylbenzene	12.80	91	512996	23.123	ug/l	99
79) 2-Chlorotoluene	12.89	91	287030	22.766	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	352309	23.252	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	21198	20.277	ug/l	91
82) 4-Chlorotoluene	12.99	91	302750	22.817	ug/l	99
83) tert-Butylbenzene	13.21	119	300317	23.284	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	359428	23.076	ug/l	99
85) sec-Butylbenzene	13.38	105	445402	22.890	ug/l	98
86) p-Isopropyltoluene	13.50	119	389697	23.025	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	189190	22.116	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	186806	21.863	ug/l	99
89) n-Butylbenzene	13.83	91	378119	22.634	ug/l	100
90) Hexachloroethane	14.10	117	72598	22.400	ug/l	92
91) 1,2-Dichlorobenzene	13.87	146	169402	22.145	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12698	20.443	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	107975	21.918	ug/l	98
94) Hexachlorobutadiene	15.24	225	67278	21.265	ug/l	99
95) Naphthalene	15.37	128	187983	20.475	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	94741	21.525	ug/l	99

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

