

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040419\
 Data File : VW009690.D
 Acq On : 04 Apr 2019 12:22
 Operator : SY/VA
 Sample : VW0404SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0404SBSD01

Manual Integrations
 APPROVED

mohammad
 4/5/2019 3:51:03 PM

Quant Time: Apr 05 08:12:00 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	324896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	513180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	464592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	245753	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	199461	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	
35) Dibromofluoromethane	7.88	113	163556	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
50) Toluene-d8	10.32	98	613822	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.62	95	230771	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	50426	24.027	ug/l	99
3) Chloromethane	2.21	50	51038	18.648	ug/l	98
4) Vinyl Chloride	2.37	62	74973	20.510	ug/l	98
5) Bromomethane	2.78	94	55010	19.506	ug/l	87
6) Chloroethane	2.92	64	53602	19.801	ug/l	97
7) Trichlorofluoromethane	3.26	101	47413	18.984	ug/l	99
8) Diethyl Ether	3.67	74	38058	22.694	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.05	101	74978	22.375	ug/l	96
10) Methyl Iodide	4.26	142	99749	21.816	ug/l	94
11) Tert butyl alcohol	5.18	59	25221	117.081	ug/l	100
12) 1,1-Dichloroethene	4.03	96	67512	21.528	ug/l	97
13) Acrolein	3.88	56	15306	96.875	ug/l	92
14) Allyl chloride	4.66	41	115692	23.066	ug/l	97
15) Acrylonitrile	5.37	53	83891	109.438	ug/l	99
16) Acetone	4.12	43	101817	121.889	ug/l	89
17) Carbon Disulfide	4.37	76	193215	21.653	ug/l	98
18) Methyl Acetate	4.67	43	38954	19.292	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	103523	23.736	ug/l	100
20) Methylene Chloride	4.91	84	81683	22.817	ug/l #	89
21) trans-1,2-Dichloroethene	5.41	96	73080	21.949	ug/l	87
22) Diisopropyl ether	6.31	45	245904	22.701	ug/l	99
23) Vinyl Acetate	6.25	43	771494	114.167	ug/l	100
24) 1,1-Dichloroethane	6.21	63	141658	21.727	ug/l	98
25) 2-Butanone	7.17	43	127401	110.368	ug/l	100
26) 2,2-Dichloropropane	7.16	77	85457	22.926	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	80951	22.263	ug/l	97
28) Bromochloromethane	7.50	49	58695	20.776	ug/l	92
29) Tetrahydrofuran	7.53	42	77414	108.005	ug/l	98
30) Chloroform	7.67	83	147060	21.778	ug/l	99
31) Cyclohexane	7.95	56	130797	21.399	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	120316	22.009	ug/l	96
36) 1,1-Dichloropropene	8.08	75	113161	21.319	ug/l	99
37) Ethyl Acetate	7.26	43	55925	22.177	ug/l	100
38) Carbon Tetrachloride	8.07	117	116705	21.457	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	126880	20.926	ug/l	93
40) Benzene	8.32	78	308034	21.425	ug/l	99
41) Methacrylonitrile	7.48	41	31815	21.775	ug/l	94
42) 1,2-Dichloroethane	8.40	62	106533	21.735	ug/l	98
43) Isopropyl Acetate	8.43	43	105228	21.292	ug/l	98
44) Trichloroethene	9.09	130	78695	21.142	ug/l	100
45) 1,2-Dichloropropane	9.37	63	78731	21.394	ug/l	99
46) Dibromomethane	9.46	93	41622	20.878	ug/l	97
47) Bromodichloromethane	9.64	83	107204	21.081	ug/l	96
48) Methyl methacrylate	9.43	41	49050	21.172	ug/l	96
49) 1,4-Dioxane	9.44	88	12359	416.293	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	278518	105.330	ug/l	99
52) Toluene	10.38	92	194897	21.646	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	105366	21.161	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	119075	21.568	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	57822	21.458	ug/l	96
56) Ethyl methacrylate	10.65	69	70897	21.351	ug/l	97
57) 1,3-Dichloropropane	10.93	76	103075	21.579	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	166466	103.284	ug/l	98
59) 2-Hexanone	10.97	43	196775	107.527	ug/l	100
60) Dibromochloromethane	11.13	129	67670	20.797	ug/l	99
61) 1,2-Dibromoethane	11.23	107	55541	21.494	ug/l	99
64) Tetrachloroethene	10.86	164	68029	21.566	ug/l	98
65) Chlorobenzene	11.66	112	213057	21.774	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	75347	21.134	ug/l	99
67) Ethyl Benzene	11.73	91	381144	22.109	ug/l	96
68) m/p-Xylenes	11.84	106	290673	44.406	ug/l	99
69) o-Xylene	12.16	106	133715	21.935	ug/l	98
70) Styrene	12.18	104	219168	21.525	ug/l	99
71) Bromoform	12.35	173	39670	20.676	ug/l #	100
73) Isopropylbenzene	12.46	105	383331	22.414	ug/l	100
74) N-amyl acetate	12.27	43	100208	22.226	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	68361	21.136	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	49031m	21.216	ug/l	
77) Bromobenzene	12.75	156	84986	21.578	ug/l	97
78) n-propylbenzene	12.80	91	475060	22.526	ug/l	100
79) 2-Chlorotoluene	12.90	91	266757	22.257	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	322938	22.422	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	21158	21.290	ug/l	96
82) 4-Chlorotoluene	12.99	91	284433	22.550	ug/l	98
83) tert-Butylbenzene	13.21	119	275300	22.454	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	336703	22.740	ug/l	99
85) sec-Butylbenzene	13.38	105	410345	22.184	ug/l	99
86) p-Isopropyltoluene	13.50	119	356634	22.167	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	178720	21.977	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	176395	21.717	ug/l	99
89) n-Butylbenzene	13.83	91	350537	22.073	ug/l	99
90) Hexachloroethane	14.10	117	64554	20.953	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	158388	21.781	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12205	20.671	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	103203	22.038	ug/l	98
94) Hexachlorobutadiene	15.24	225	62980	20.941	ug/l	99
95) Naphthalene	15.37	128	184042	21.006	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	90226	21.565	ug/l	100

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

