

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012441.D
 Acq On : 01 Sep 2019 12:13
 Operator : SY/VA
 Sample : VW0901SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 10:44:25 AM

Quant Time: Sep 02 07:39:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	327163	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	283671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	140697	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	129685	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
35) Dibromofluoromethane	7.88	113	101957	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
50) Toluene-d8	10.32	98	403794	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.62	95	143696	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	24470	18.880	ug/l	89
3) Chloromethane	2.21	50	40831	20.334	ug/l	100
4) Vinyl Chloride	2.35	62	50808	20.673	ug/l	95
5) Bromomethane	2.75	94	27287	21.923	ug/l	93
6) Chloroethane	2.92	64	30056	21.679	ug/l	99
7) Trichlorofluoromethane	3.25	101	30400	24.634	ug/l	99
8) Diethyl Ether	3.68	74	23913	20.415	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45720	21.796	ug/l	99
10) Methyl Iodide	4.27	142	56942	20.063	ug/l	96
11) Tert butyl alcohol	5.16	59	17922	119.019	ug/l	100
12) 1,1-Dichloroethene	4.04	96	42686	20.218	ug/l	96
13) Acrolein	3.89	56	12339	87.051	ug/l	100
14) Allyl chloride	4.67	41	92239	20.436	ug/l	99
15) Acrylonitrile	5.37	53	61582	106.066	ug/l	99
16) Acetone	4.12	43	69795	109.120	ug/l	100
17) Carbon Disulfide	4.38	76	109098	17.098	ug/l	97
18) Methyl Acetate	4.67	43	35773	22.581	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	78676	23.043	ug/l	99
20) Methylene Chloride	4.92	84	48606	20.102	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	44791	19.784	ug/l	99
22) Diisopropyl ether	6.31	45	183101	21.885	ug/l	99
23) Vinyl Acetate	6.25	43	537305	104.354	ug/l	100
24) 1,1-Dichloroethane	6.21	63	97943	21.500	ug/l	100
25) 2-Butanone	7.16	43	91722	105.529	ug/l	99
26) 2,2-Dichloropropane	7.16	77	60817	23.587	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	51361	21.233	ug/l	98
28) Bromochloromethane	7.51	49	43069	21.692	ug/l	97
29) Tetrahydrofuran	7.53	42	55392	106.225	ug/l	99
30) Chloroform	7.68	83	93039	22.324	ug/l	97
31) Cyclohexane	7.95	56	86282	19.144	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	74940	22.730	ug/l	99
36) 1,1-Dichloropropene	8.09	75	73617	21.775	ug/l	99
37) Ethyl Acetate	7.25	43	40624	21.927	ug/l	99
38) Carbon Tetrachloride	8.07	117	66525	22.734	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	76425	20.122	ug/l	100
40) Benzene	8.32	78	200311	21.698	ug/l	99
41) Methacrylonitrile	7.48	41	27685	25.425	ug/l	94
42) 1,2-Dichloroethane	8.40	62	66314	22.920	ug/l	100
43) Isopropyl Acetate	8.42	43	74959	21.843	ug/l	100
44) Trichloroethene	9.09	130	49499	22.057	ug/l	96
45) 1,2-Dichloropropane	9.37	63	53813	21.659	ug/l	98
46) Dibromomethane	9.46	93	24086	21.789	ug/l	97
47) Bromodichloromethane	9.64	83	65755	22.350	ug/l	97
48) Methyl methacrylate	9.43	41	35797	21.917	ug/l	99
49) 1,4-Dioxane	9.45	88	7267	429.417	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	194890	111.655	ug/l	100
52) Toluene	10.38	92	122042	22.006	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	66699	22.257	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	78871	21.797	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	35091	22.436	ug/l	99
56) Ethyl methacrylate	10.65	69	51135	22.464	ug/l	98
57) 1,3-Dichloropropane	10.93	76	66602	22.534	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	124949	106.953	ug/l	99
59) 2-Hexanone	10.97	43	138252	111.942	ug/l	99
60) Dibromochloromethane	11.13	129	39387	22.609	ug/l	99
61) 1,2-Dibromoethane	11.23	107	32395	22.232	ug/l	99
64) Tetrachloroethene	10.86	164	40178	21.846	ug/l	96
65) Chlorobenzene	11.66	112	124723	22.329	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	45200	23.196	ug/l	99
67) Ethyl Benzene	11.73	91	239725	22.279	ug/l	98
68) m/p-Xylenes	11.84	106	172030	44.385	ug/l	98
69) o-Xylene	12.16	106	79548	22.175	ug/l	99
70) Styrene	12.18	104	138646	22.329	ug/l	98
71) Bromoform	12.35	173	21902	22.559	ug/l #	100
73) Isopropylbenzene	12.46	105	230439	21.858	ug/l	99
74) N-amyl acetate	12.27	43	68707	21.571	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	40806	21.113	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	34469m	25.155	ug/l	
77) Bromobenzene	12.74	156	49771	21.822	ug/l	99
78) n-propylbenzene	12.80	91	283478	22.026	ug/l	98
79) 2-Chlorotoluene	12.89	91	160156	21.918	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	196164	22.268	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	12854	20.567	ug/l	96
82) 4-Chlorotoluene	12.99	91	171191	22.375	ug/l	99
83) tert-Butylbenzene	13.21	119	166683	22.337	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	197714	22.342	ug/l	99
85) sec-Butylbenzene	13.38	105	239651	22.416	ug/l	99
86) p-Isopropyltoluene	13.50	119	215757	22.598	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	100555	22.540	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	99572	22.479	ug/l	99
89) n-Butylbenzene	13.82	91	215474	22.694	ug/l	99
90) Hexachloroethane	14.09	117	37923	22.639	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	87938	22.470	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7478	22.950	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	62910	23.261	ug/l	100
94) Hexachlorobutadiene	15.24	225	44520	24.930	ug/l	98
95) Naphthalene	15.36	128	100816	21.676	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	53384	22.624	ug/l	99

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

