

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083120\
 Data File : VW016406.D
 Acq On : 31 Aug 2020 13:03
 Operator : SY/VA
 Sample : VW0831SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 12:40:16 PM

Quant Time: Sep 01 03:13:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 28 15:01:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	176328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	272722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	241959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	121258	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	88560	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
35) Dibromofluoromethane	7.88	113	86675	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
50) Toluene-d8	10.33	98	332983	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
62) 4-Bromofluorobenzene	12.62	95	122922	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	23133	23.278	ug/l	95
3) Chloromethane	2.21	50	18191	19.028	ug/l	97
4) Vinyl Chloride	2.36	62	28467	20.429	ug/l	94
5) Bromomethane	2.78	94	19469	19.787	ug/l	96
6) Chloroethane	2.92	64	17084	20.597	ug/l	89
7) Trichlorofluoromethane	3.26	101	37686	22.369	ug/l	98
8) Diethyl Ether	3.68	74	16382	19.318	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.07	101	34369	20.900	ug/l	99
10) Methyl Iodide	4.27	142	52392	20.848	ug/l	99
11) Tert butyl alcohol	5.21	59	10682	92.766	ug/l #	83
12) 1,1-Dichloroethene	4.04	96	33662	20.060	ug/l	93
13) Acrolein	3.90	56	7620	93.709	ug/l	95
14) Allyl chloride	4.67	41	41276	19.678	ug/l	98
15) Acrylonitrile	5.37	53	29984	94.966	ug/l	99
16) Acetone	4.14	43	27764	92.628	ug/l	99
17) Carbon Disulfide	4.38	76	98586	20.925	ug/l	100
18) Methyl Acetate	4.68	43	11910	17.425	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	51009	19.896	ug/l	99
20) Methylene Chloride	4.92	84	41148	18.161	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	38331	20.380	ug/l	99
22) Diisopropyl ether	6.32	45	82668	19.910	ug/l	99
23) Vinyl Acetate	6.26	43	245624	96.530	ug/l	98
24) 1,1-Dichloroethane	6.21	63	61319	20.484	ug/l	98
25) 2-Butanone	7.18	43	37190	91.448	ug/l	92
26) 2,2-Dichloropropane	7.16	77	49880	21.574	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	39685	19.475	ug/l	98
28) Bromochloromethane	7.51	49	20652	18.993	ug/l #	99
29) Tetrahydrofuran	7.53	42	21851	90.007	ug/l	100
30) Chloroform	7.68	83	68976	20.743	ug/l	100
31) Cyclohexane	7.96	56	54904	20.012	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	63792	21.301	ug/l	100
36) 1,1-Dichloropropene	8.09	75	54399	20.960	ug/l	99
37) Ethyl Acetate	7.26	43	16978	19.309	ug/l	97
38) Carbon Tetrachloride	8.07	117	61281	21.548	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	64987	20.679	ug/l	100
40) Benzene	8.32	78	143816	20.697	ug/l	98
41) Methacrylonitrile	7.48	41	9860	19.476	ug/l	98
42) 1,2-Dichloroethane	8.40	62	43724	20.630	ug/l	100
43) Isopropyl Acetate	8.43	43	33337	18.999	ug/l	98
44) Trichloroethene	9.09	130	42480	20.432	ug/l	97
45) 1,2-Dichloropropane	9.37	63	31540	19.566	ug/l	99
46) Dibromomethane	9.46	93	19035	19.875	ug/l	99
47) Bromodichloromethane	9.65	83	49706	20.123	ug/l	95
48) Methyl methacrylate	9.44	41	15399	18.407	ug/l	98
49) 1,4-Dioxane	9.46	88	4924	377.439	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	81122	93.500	ug/l	98
52) Toluene	10.39	92	96793	20.776	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	48200	20.065	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	56654	20.241	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	27674	20.266	ug/l	92
56) Ethyl methacrylate	10.65	69	30200	18.926	ug/l	97
57) 1,3-Dichloropropane	10.93	76	44803	19.746	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	66355	92.610	ug/l	99
59) 2-Hexanone	10.97	43	55668	94.047	ug/l	97
60) Dibromochloromethane	11.13	129	34590	20.033	ug/l	99
61) 1,2-Dibromoethane	11.24	107	25909	19.347	ug/l	94
64) Tetrachloroethene	10.87	164	36621	22.034	ug/l	96
65) Chlorobenzene	11.66	112	104225	20.915	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	38866	21.064	ug/l	98
67) Ethyl Benzene	11.73	91	189594	21.311	ug/l	98
68) m/p-Xylenes	11.84	106	147089	43.305	ug/l	96
69) o-Xylene	12.17	106	66263	21.215	ug/l	97
70) Styrene	12.18	104	112349	21.105	ug/l	99
71) Bromoform	12.35	173	18968	20.203	ug/l #	97
73) Isopropylbenzene	12.47	105	190963	21.358	ug/l	99
74) N-amyl acetate	12.27	43	29699	18.981	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	29186	19.829	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	21275m	19.842	ug/l	
77) Bromobenzene	12.75	156	42766	20.575	ug/l	97
78) n-propylbenzene	12.80	91	225550	21.489	ug/l	99
79) 2-Chlorotoluene	12.90	91	129347	20.925	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	166803	21.270	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9436	19.538	ug/l	96
82) 4-Chlorotoluene	12.99	91	136388	21.104	ug/l	98
83) tert-Butylbenzene	13.21	119	138368	21.002	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	166655	21.307	ug/l	100
85) sec-Butylbenzene	13.38	105	191902	21.036	ug/l	99
86) p-Isopropyltoluene	13.50	119	184193	21.628	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	83128	20.835	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	84387	21.022	ug/l	97
89) n-Butylbenzene	13.82	91	160907	20.579	ug/l	98
90) Hexachloroethane	14.10	117	32560	20.363	ug/l	91
91) 1,2-Dichlorobenzene	13.87	146	71941	20.129	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5164	19.301	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	46203	19.474	ug/l	95
94) Hexachlorobutadiene	15.24	225	29730	20.990	ug/l	97
95) Naphthalene	15.37	128	79774	18.170	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	38838	18.683	ug/l	96

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

