

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083120\
 Data File : VW016407.D
 Acq On : 31 Aug 2020 13:27
 Operator : SY/VA
 Sample : VW0831SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 12:40:20 PM

Quant Time: Sep 01 03:15:17 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	180766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	271988	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	249587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	123988	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	87650	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
35) Dibromofluoromethane	7.88	113	85462	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
50) Toluene-d8	10.33	98	330399	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.62	95	123346	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	19642	19.280	ug/l	97
3) Chloromethane	2.21	50	18164	18.533	ug/l	95
4) Vinyl Chloride	2.36	62	29129	20.391	ug/l	99
5) Bromomethane	2.78	94	19842	19.671	ug/l	95
6) Chloroethane	2.92	64	16931	19.912	ug/l	99
7) Trichlorofluoromethane	3.26	101	36983	21.413	ug/l	100
8) Diethyl Ether	3.68	74	16132	18.556	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	34353	20.377	ug/l	99
10) Methyl Iodide	4.27	142	52442	20.356	ug/l	99
11) Tert butyl alcohol	5.21	59	9842	82.127	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	34616	20.122	ug/l	96
13) Acrolein	3.90	56	7897	94.731	ug/l	95
14) Allyl chloride	4.67	41	40973	19.054	ug/l	98
15) Acrylonitrile	5.37	53	29547	91.285	ug/l	98
16) Acetone	4.14	43	27744	90.288	ug/l	99
17) Carbon Disulfide	4.39	76	98444	20.382	ug/l	97
18) Methyl Acetate	4.68	43	12601	17.984	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	51084	19.436	ug/l	97
20) Methylene Chloride	4.92	84	39997	16.887	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	39122	20.290	ug/l	97
22) Diisopropyl ether	6.31	45	83149	19.534	ug/l	95
23) Vinyl Acetate	6.26	43	246191	94.378	ug/l	99
24) 1,1-Dichloroethane	6.22	63	60315	19.654	ug/l	98
25) 2-Butanone	7.18	43	36152	86.713	ug/l	97
26) 2,2-Dichloropropane	7.17	77	48476	20.452	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	41853	20.035	ug/l	97
28) Bromochloromethane	7.52	49	20071	18.005	ug/l	100
29) Tetrahydrofuran	7.54	42	21934	88.131	ug/l	99
30) Chloroform	7.68	83	67548	19.815	ug/l	98
31) Cyclohexane	7.96	56	54022	19.207	ug/l	93
32) 1,1,1-Trichloroethane	7.88	97	64060	20.866	ug/l	98
36) 1,1-Dichloropropene	8.09	75	53805	20.787	ug/l	99
37) Ethyl Acetate	7.26	43	16833	19.196	ug/l	98
38) Carbon Tetrachloride	8.07	117	61921	21.831	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	65551	20.915	ug/l	97
40) Benzene	8.32	78	143660	20.731	ug/l	94
41) Methacrylonitrile	7.48	41	9966	19.739	ug/l	94
42) 1,2-Dichloroethane	8.40	62	43240	20.456	ug/l	99
43) Isopropyl Acetate	8.43	43	32265	18.438	ug/l	99
44) Trichloroethene	9.10	130	42523	20.508	ug/l	96
45) 1,2-Dichloropropane	9.37	63	31489	19.587	ug/l	94
46) Dibromomethane	9.46	93	19100	19.997	ug/l	98
47) Bromodichloromethane	9.65	83	50466	20.486	ug/l	98
48) Methyl methacrylate	9.44	41	14841	17.788	ug/l	95
49) 1,4-Dioxane	9.48	88	4859	373.461	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	81335	93.999	ug/l	100
52) Toluene	10.39	92	97592	21.004	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	46151	19.264	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	55602	19.918	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	26970	19.804	ug/l	95
56) Ethyl methacrylate	10.65	69	30923	19.431	ug/l	98
57) 1,3-Dichloropropane	10.93	76	44396	19.620	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	66001	92.364	ug/l	99
59) 2-Hexanone	10.97	43	54094	91.634	ug/l	100
60) Dibromochloromethane	11.13	129	34999	20.325	ug/l	99
61) 1,2-Dibromoethane	11.24	107	26332	19.716	ug/l	98
64) Tetrachloroethene	10.87	164	35433	20.668	ug/l	98
65) Chlorobenzene	11.66	112	103814	20.196	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	37781	19.850	ug/l	97
67) Ethyl Benzene	11.73	91	189216	20.619	ug/l	99
68) m/p-Xylenes	11.84	106	146068	41.690	ug/l	99
69) o-Xylene	12.17	106	66673	20.693	ug/l	96
70) Styrene	12.18	104	112627	20.511	ug/l	99
71) Bromoform	12.35	173	19637	20.276	ug/l #	100
73) Isopropylbenzene	12.46	105	191861	20.986	ug/l	99
74) N-amyl acetate	12.27	43	29411	18.383	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	28648	19.035	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	21458m	19.572	ug/l	
77) Bromobenzene	12.75	156	42887	20.179	ug/l	99
78) n-propylbenzene	12.80	91	224797	20.946	ug/l	98
79) 2-Chlorotoluene	12.90	91	126961	20.087	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	169122	21.091	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	9409	19.053	ug/l	99
82) 4-Chlorotoluene	12.99	91	136381	20.639	ug/l	100
83) tert-Butylbenzene	13.21	119	140792	20.899	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	167301	20.918	ug/l	97
85) sec-Butylbenzene	13.38	105	197975	21.224	ug/l	99
86) p-Isopropyltoluene	13.50	119	186756	21.446	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	86136	21.114	ug/l	95
88) 1,4-Dichlorobenzene	13.58	146	82052	19.991	ug/l	97
89) n-Butylbenzene	13.82	91	166903	20.876	ug/l	99
90) Hexachloroethane	14.10	117	33568	20.531	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	74711	20.444	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5280	19.300	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	47866	19.731	ug/l	94
94) Hexachlorobutadiene	15.24	225	30539	21.086	ug/l	98
95) Naphthalene	15.37	128	81769	18.214	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	41131	19.350	ug/l	97

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

