

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\
 Data File : VW016278.D
 Acq On : 20 Aug 2020 23:05
 Operator : SY/VA
 Sample : VW0821SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 11:25:53 AM

Quant Time: Aug 21 04:08:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	209900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	349681	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	326529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	158368	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	109092	53.30	ug/l	0.00
Spiked Amount			Recovery	=	106.60%	
35) Dibromofluoromethane	7.89	113	110637	51.28	ug/l	0.00
Spiked Amount			Recovery	=	102.56%	
50) Toluene-d8	10.32	98	430675	51.57	ug/l	0.00
Spiked Amount			Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.62	95	158466	53.08	ug/l	0.00
Spiked Amount			Recovery	=	106.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	26872	18.826	ug/l	97
3) Chloromethane	2.21	50	28692	18.879	ug/l	99
4) Vinyl Chloride	2.37	62	38299	18.005	ug/l	99
5) Bromomethane	2.78	94	27780	21.004	ug/l	95
6) Chloroethane	2.92	64	23933	19.923	ug/l	92
7) Trichlorofluoromethane	3.26	101	36162	20.999	ug/l	94
8) Diethyl Ether	3.68	74	21970	20.330	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.07	101	44165	19.558	ug/l	99
10) Methyl Iodide	4.28	142	66501	20.381	ug/l	99
11) Tert butyl alcohol	5.16	59	17549	161.088	ug/l #	81
12) 1,1-Dichloroethene	4.04	96	43892	19.100	ug/l	97
13) Acrolein	3.89	56	14221	90.369	ug/l	93
14) Allyl chloride	4.67	41	58289	18.931	ug/l	99
15) Acrylonitrile	5.37	53	44437	109.129	ug/l	98
16) Acetone	4.12	43	36302	92.576	ug/l	100
17) Carbon Disulfide	4.38	76	126388	18.731	ug/l	99
18) Methyl Acetate	4.67	43	23042	25.234	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	63159	22.321	ug/l	98
20) Methylene Chloride	4.92	84	76971	29.581	ug/l	93
21) trans-1,2-Dichloroethene	5.43	96	49078	19.612	ug/l	97
22) Diisopropyl ether	6.31	45	118083	20.343	ug/l	98
23) Vinyl Acetate	6.26	43	327958	98.673	ug/l	100
24) 1,1-Dichloroethane	6.22	63	79064	19.516	ug/l	99
25) 2-Butanone	7.17	43	55710	106.008	ug/l	98
26) 2,2-Dichloropropane	7.16	77	53108	20.294	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	52844	20.458	ug/l	98
28) Bromochloromethane	7.51	49	29579	19.244	ug/l	94
29) Tetrahydrofuran	7.53	42	35008	111.441	ug/l	97
30) Chloroform	7.68	83	85949	20.419	ug/l	96
31) Cyclohexane	7.96	56	70223	18.798	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	73227	20.706	ug/l	100
36) 1,1-Dichloropropene	8.09	75	66688	19.359	ug/l	100
37) Ethyl Acetate	7.26	43	23947	20.275	ug/l	98
38) Carbon Tetrachloride	8.07	117	69409	20.190	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	78561	18.933	ug/l	96
40) Benzene	8.32	78	189420	19.546	ug/l	100
41) Methacrylonitrile	7.49	41	14734	21.858	ug/l	97
42) 1,2-Dichloroethane	8.40	62	53570	20.930	ug/l	98
43) Isopropyl Acetate	8.42	43	45629	20.535	ug/l	99
44) Trichloroethene	9.09	130	53189	19.379	ug/l	98
45) 1,2-Dichloropropane	9.37	63	45162	19.769	ug/l	95
46) Dibromomethane	9.46	93	25143	20.964	ug/l	95
47) Bromodichloromethane	9.65	83	62814	20.271	ug/l	99
48) Methyl methacrylate	9.44	41	21402	20.719	ug/l	96
49) 1,4-Dioxane	9.45	88	7797	516.289	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	121281	107.917	ug/l	99
52) Toluene	10.39	92	123882	19.963	ug/l	96
53) t-1,3-Dichloropropene	10.61	75	58024	20.224	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	72024	20.198	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	36973	21.485	ug/l	99
56) Ethyl methacrylate	10.65	69	42418	21.615	ug/l	99
57) 1,3-Dichloropropane	10.93	76	60729	20.741	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	91773	102.569	ug/l	98
59) 2-Hexanone	10.97	43	81482	105.982	ug/l	99
60) Dibromochloromethane	11.13	129	43387	21.194	ug/l	100
61) 1,2-Dibromoethane	11.24	107	35968	21.712	ug/l	99
64) Tetrachloroethene	10.87	164	43347	20.232	ug/l	92
65) Chlorobenzene	11.66	112	132481	19.795	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	47643	20.366	ug/l	99
67) Ethyl Benzene	11.73	91	234797	19.521	ug/l	99
68) m/p-Xylenes	11.84	106	184969	40.008	ug/l	98
69) o-Xylene	12.17	106	83005	20.152	ug/l	98
70) Styrene	12.18	104	144509	20.275	ug/l	99
71) Bromoform	12.35	173	23243	22.200	ug/l #	97
73) Isopropylbenzene	12.47	105	226045	18.731	ug/l	99
74) N-amyl acetate	12.27	43	41275	19.098	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	41347	20.475	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	28018m	19.237	ug/l	
77) Bromobenzene	12.75	156	52573	19.696	ug/l	95
78) n-propylbenzene	12.80	91	272607	18.925	ug/l	100
79) 2-Chlorotoluene	12.90	91	161963	19.464	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	204156	19.707	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	11161	18.381	ug/l	97
82) 4-Chlorotoluene	12.99	91	167835	19.374	ug/l	99
83) tert-Butylbenzene	13.21	119	165725	19.519	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	202714	19.774	ug/l	97
85) sec-Butylbenzene	13.38	105	237754	19.267	ug/l	99
86) p-Isopropyltoluene	13.50	119	217176	19.458	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	105280	19.694	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	104916	19.931	ug/l	98
89) n-Butylbenzene	13.82	91	193778	18.767	ug/l	99
90) Hexachloroethane	14.10	117	40988	19.678	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	95820	20.560	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6885	22.180	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	57697	20.760	ug/l	98
94) Hexachlorobutadiene	15.24	225	34984	21.172	ug/l	94
95) Naphthalene	15.36	128	102441	19.899	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	49954	20.930	ug/l	98

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

