

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
 Data File : VW015336.D
 Acq On : 24 Apr 2020 12:14
 Operator : SY/VA
 Sample : VW0424SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0424SBS01

Manual Integrations
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apatel
 4/27/2020 2:27:58 PM

Quant Time: Apr 25 07:03:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	285859	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262273	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	145450	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	88909	53.72	ug/l	0.00
Spiked Amount						
			Recovery	=	107.44%	
35) Dibromofluoromethane	7.88	113	84940	53.64	ug/l	0.00
Spiked Amount						
			Recovery	=	107.28%	
50) Toluene-d8	10.32	98	326274	48.98	ug/l	0.00
Spiked Amount						
			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.62	95	123665	48.66	ug/l	0.00
Spiked Amount						
			Recovery	=	97.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	30486	19.073	ug/l	95
3) Chloromethane	2.21	50	30902	17.754	ug/l	99
4) Vinyl Chloride	2.36	62	37418	18.205	ug/l	98
5) Bromomethane	2.76	94	32139	21.992	ug/l	93
6) Chloroethane	2.92	64	22990	18.032	ug/l	98
7) Trichlorofluoromethane	3.26	101	58297	20.044	ug/l	98
8) Diethyl Ether	3.69	74	16818	20.601	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.07	101	35719	19.915	ug/l	91
10) Methyl Iodide	4.28	142	30228	16.046	ug/l	99
11) Tert butyl alcohol	5.17	59	17637	130.721	ug/l	100
12) 1,1-Dichloroethene	4.04	96	33397	19.345	ug/l	95
13) Acrolein	3.90	56	10435	147.768	ug/l	97
14) Allyl chloride	4.67	41	42537	18.573	ug/l #	86
15) Acrylonitrile	5.37	53	34663	111.572	ug/l	98
16) Acetone	4.13	43	33338	115.320	ug/l	98
17) Carbon Disulfide	4.39	76	94142	18.350	ug/l	100
18) Methyl Acetate	4.68	43	16527	21.598	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	86254	21.764	ug/l	94
20) Methylene Chloride	4.92	84	34313	18.110	ug/l	91
21) trans-1,2-Dichloroethene	5.43	96	38618	19.724	ug/l	94
22) Diisopropyl ether	6.32	45	85961	19.565	ug/l #	91
23) Vinyl Acetate	6.26	43	274200	106.350	ug/l #	94
24) 1,1-Dichloroethane	6.22	63	58611	19.248	ug/l	98
25) 2-Butanone	7.18	43	44567	116.197	ug/l #	88
26) 2,2-Dichloropropane	7.17	77	63229	19.738	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	42160	19.945	ug/l	97
28) Bromochloromethane	7.51	49	23240	20.992	ug/l #	73
29) Tetrahydrofuran	7.53	42	27794	116.314	ug/l	88
30) Chloroform	7.68	83	65924	20.060	ug/l	98
31) Cyclohexane	7.96	56	59040	19.289	ug/l #	83
32) 1,1,1-Trichloroethane	7.87	97	64454	20.321	ug/l	98
36) 1,1-Dichloropropene	8.09	75	52897	20.502	ug/l	99
37) Ethyl Acetate	7.26	43	20335	24.285	ug/l #	97
38) Carbon Tetrachloride	8.07	117	58308	20.680	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	67272	19.590	ug/l	96
40) Benzene	8.32	78	138233	20.057	ug/l	100
41) Methacrylonitrile	7.48	41	10703m	21.303	ug/l	
42) 1,2-Dichloroethane	8.40	62	43195	21.290	ug/l	99
43) Isopropyl Acetate	8.43	43	39763	22.642	ug/l	95
44) Trichloroethene	9.09	130	44241	20.986	ug/l	94
45) 1,2-Dichloropropane	9.37	63	32300	20.153	ug/l	100
46) Dibromomethane	9.46	93	20135	21.718	ug/l #	85
47) Bromodichloromethane	9.65	83	51132	20.631	ug/l	99
48) Methyl methacrylate	9.44	41	17654	21.265	ug/l #	83
49) 1,4-Dioxane	9.45	88	5930	479.789	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	95823	116.234	ug/l	97
52) Toluene	10.38	92	93644	19.414	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	51119	20.918	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	57615	20.283	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	28848	22.221	ug/l	98
56) Ethyl methacrylate	10.65	69	35932	21.485	ug/l	92
57) 1,3-Dichloropropane	10.93	76	46639	21.688	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	92206	118.919	ug/l #	89
59) 2-Hexanone	10.97	43	67709	115.056	ug/l	97
60) Dibromochloromethane	11.13	129	37357	21.794	ug/l	98
61) 1,2-Dibromoethane	11.23	107	28475	22.479	ug/l	98
64) Tetrachloroethene	10.87	164	40613	21.697	ug/l	90
65) Chlorobenzene	11.66	112	102523	19.921	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	39312	21.253	ug/l	97
67) Ethyl Benzene	11.73	91	186500	19.432	ug/l	97
68) m/p-Xylenes	11.84	106	147521	39.213	ug/l	99
69) o-Xylene	12.16	106	69717	19.854	ug/l	98
70) Styrene	12.18	104	117095	19.563	ug/l	100
71) Bromoform	12.35	173	24762	23.758	ug/l #	96
73) Isopropylbenzene	12.46	105	195277	19.364	ug/l	99
74) N-amyl acetate	12.27	43	36899	21.031	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.71	83	31273	21.841	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	25369m	22.546	ug/l	
77) Bromobenzene	12.74	156	47228	20.384	ug/l	83
78) n-propylbenzene	12.80	91	226140	19.259	ug/l	96
79) 2-Chlorotoluene	12.89	91	127316	19.240	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	168689	19.418	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	11017	21.403	ug/l	93
82) 4-Chlorotoluene	12.99	91	135466	19.281	ug/l	97
83) tert-Butylbenzene	13.21	119	147492	19.425	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	168857	19.707	ug/l	100
85) sec-Butylbenzene	13.38	105	199674	19.042	ug/l	97
86) p-Isopropyltoluene	13.50	119	191256	19.629	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	92481	20.089	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	92250	20.442	ug/l	98
89) n-Butylbenzene	13.82	91	173159	19.443	ug/l	97
90) Hexachloroethane	14.09	117	34114	19.091	ug/l	70
91) 1,2-Dichlorobenzene	13.87	146	82451	20.611	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	5885	22.712	ug/l	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	59940	21.556	ug/l	97
94) Hexachlorobutadiene	15.23	225	39616	21.370	ug/l	97
95) Naphthalene	15.36	128	104324	23.324	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	51512	22.769	ug/l	98

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

