

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070920\
 Data File : VW015824.D
 Acq On : 09 Jul 2020 13:18
 Operator : SY/VA
 Sample : VW0709SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

Quant Time: Jul 10 06:10:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	189869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	301765	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	273948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	139067	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	94075	48.12	ug/l	0.00
Spiked Amount						
			Recovery	=	96.24%	
35) Dibromofluoromethane	7.89	113	82499	46.86	ug/l	0.00
Spiked Amount						
			Recovery	=	93.72%	
50) Toluene-d8	10.32	98	329025	48.65	ug/l	0.00
Spiked Amount						
			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	12.62	95	120968	48.75	ug/l	0.00
Spiked Amount						
			Recovery	=	97.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	24873	24.874	ug/l	98
3) Chloromethane	2.21	50	29317	21.588	ug/l	95
4) Vinyl Chloride	2.37	62	47660	22.730	ug/l	99
5) Bromomethane	2.78	94	35441	22.090	ug/l	98
6) Chloroethane	2.93	64	31516	22.272	ug/l	99
7) Trichlorofluoromethane	3.26	101	32545	21.597	ug/l	99
8) Diethyl Ether	3.68	74	19824	21.114	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40264	22.826	ug/l	98
10) Methyl Iodide	4.26	142	53333	21.624	ug/l	99
11) Tert butyl alcohol	5.17	59	12579	120.110	ug/l	99
12) 1,1-Dichloroethene	4.04	96	37960	21.887	ug/l	98
13) Acrolein	3.89	56	13501	99.541	ug/l	99
14) Allyl chloride	4.67	41	59768	21.203	ug/l	99
15) Acrylonitrile	5.37	53	38520	104.931	ug/l	99
16) Acetone	4.12	43	40577	110.917	ug/l	98
17) Carbon Disulfide	4.38	76	109762	21.275	ug/l	99
18) Methyl Acetate	4.68	43	18180	21.837	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	55543	21.398	ug/l	99
20) Methylene Chloride	4.92	84	48899	23.615	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	43105	21.458	ug/l	97
22) Diisopropyl ether	6.32	45	121078	21.315	ug/l	99
23) Vinyl Acetate	6.26	43	348472	103.137	ug/l	99
24) 1,1-Dichloroethane	6.21	63	77085	21.433	ug/l	99
25) 2-Butanone	7.17	43	52912	106.553	ug/l	99
26) 2,2-Dichloropropane	7.17	77	48018	21.282	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	46399	21.511	ug/l	97
28) Bromochloromethane	7.51	49	31879	22.359	ug/l	98
29) Tetrahydrofuran	7.53	42	31106	103.226	ug/l	99
30) Chloroform	7.68	83	79141	21.526	ug/l	100
31) Cyclohexane	7.96	56	72509	21.421	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	67107	21.768	ug/l	100
36) 1,1-Dichloropropene	8.09	75	65299	21.952	ug/l	99
37) Ethyl Acetate	7.26	43	23813	20.602	ug/l	99
38) Carbon Tetrachloride	8.07	117	60650	21.071	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	74497	21.223	ug/l	95
40) Benzene	8.32	78	175422	21.528	ug/l	99
41) Methacrylonitrile	7.49	41	13764	20.975	ug/l	98
42) 1,2-Dichloroethane	8.40	62	53720	21.182	ug/l	99
43) Isopropyl Acetate	8.43	43	44403	19.681	ug/l	99
44) Trichloroethene	9.09	130	44917	20.840	ug/l	95
45) 1,2-Dichloropropane	9.37	63	43118	21.528	ug/l	98
46) Dibromomethane	9.46	93	21342	20.697	ug/l	99
47) Bromodichloromethane	9.65	83	56030	21.008	ug/l	99
48) Methyl methacrylate	9.44	41	20727	20.046	ug/l	97
49) 1,4-Dioxane	9.45	88	5652	443.348	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	110977	100.801	ug/l	100
52) Toluene	10.39	92	113292	21.605	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	52345	20.455	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	62947	20.563	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	30108	21.057	ug/l	99
56) Ethyl methacrylate	10.65	69	35649	20.280	ug/l	99
57) 1,3-Dichloropropane	10.93	76	52936	20.914	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	84088	97.898	ug/l	99
59) 2-Hexanone	10.97	43	75391	102.612	ug/l	99
60) Dibromochloromethane	11.13	129	33458	20.261	ug/l	98
61) 1,2-Dibromoethane	11.24	107	27875	20.374	ug/l	96
64) Tetrachloroethene	10.87	164	38086	21.969	ug/l	97
65) Chlorobenzene	11.66	112	118011	22.028	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	40742	21.490	ug/l	99
67) Ethyl Benzene	11.73	91	219120	22.086	ug/l	93
68) m/p-Xylenes	11.84	106	165842	44.499	ug/l	99
69) o-Xylene	12.17	106	75188	22.102	ug/l	100
70) Styrene	12.18	104	129182	22.069	ug/l	98
71) Bromoform	12.35	173	17071	19.727	ug/l #	96
73) Isopropylbenzene	12.46	105	210274	21.463	ug/l	100
74) N-amyl acetate	12.27	43	41133	19.624	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	33581	20.629	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	24520m	20.062	ug/l	
77) Bromobenzene	12.75	156	47125	21.452	ug/l	97
78) n-propylbenzene	12.80	91	261848	22.019	ug/l	100
79) 2-Chlorotoluene	12.89	91	148697	21.927	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	183270	21.948	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	8846	18.910	ug/l	91
82) 4-Chlorotoluene	12.99	91	155430	21.948	ug/l	99
83) tert-Butylbenzene	13.21	119	152228	21.959	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	183020	21.948	ug/l	100
85) sec-Butylbenzene	13.38	105	222892	22.264	ug/l	100
86) p-Isopropyltoluene	13.50	119	200073	21.885	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	95211	21.621	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	93748	21.747	ug/l	99
89) n-Butylbenzene	13.82	91	192886	22.047	ug/l	99
90) Hexachloroethane	14.09	117	34462	20.797	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	83360	21.850	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5223	20.081	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	49493	20.577	ug/l	100
94) Hexachlorobutadiene	15.24	225	31170	20.411	ug/l	98
95) Naphthalene	15.36	128	76177	18.813	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	40911	19.989	ug/l	99

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

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