

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010820\
 Data File : VW014554.D
 Acq On : 08 Jan 2020 12:02
 Operator : SY/VA
 Sample : VW0108SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0108SBS01

Manual Integrations
 APPROVED

apatel
 1/9/2020 9:29:01 AM

Quant Time: Jan 08 13:08:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	740795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1134323	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	984283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	478274	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	316538	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
35) Dibromofluoromethane	7.88	113	315979	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
50) Toluene-d8	10.32	98	1316945	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
62) 4-Bromofluorobenzene	12.62	95	448777	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	80494	19.245	ug/l	98
3) Chloromethane	2.21	50	107155	20.930	ug/l	96
4) Vinyl Chloride	2.35	62	154315	20.493	ug/l	100
5) Bromomethane	2.76	94	99431	21.375	ug/l	99
6) Chloroethane	2.92	64	89577	20.868	ug/l	99
7) Trichlorofluoromethane	3.25	101	66528	17.658	ug/l	98
8) Diethyl Ether	3.68	74	77412	20.650	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	139392	19.801	ug/l	99
10) Methyl Iodide	4.27	142	218813	20.601	ug/l	100
11) Tert butyl alcohol	5.15	59	49963	84.904	ug/l	100
12) 1,1-Dichloroethene	4.04	96	145589	19.749	ug/l	97
13) Acrolein	3.89	56	49280	87.174	ug/l	99
14) Allyl chloride	4.66	41	227862	20.226	ug/l	99
15) Acrylonitrile	5.36	53	163190	95.238	ug/l	99
16) Acetone	4.12	43	163110	89.187	ug/l	96
17) Carbon Disulfide	4.38	76	434887	19.573	ug/l	97
18) Methyl Acetate	4.67	43	86348	19.549	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	192512	21.037	ug/l	95
20) Methylene Chloride	4.92	84	173259	20.782	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	161507	20.633	ug/l	99
22) Diisopropyl ether	6.31	45	450956	21.386	ug/l	98
23) Vinyl Acetate	6.25	43	1264659	99.320	ug/l	98
24) 1,1-Dichloroethane	6.21	63	280050	21.055	ug/l	99
25) 2-Butanone	7.17	43	224396	95.609	ug/l	100
26) 2,2-Dichloropropane	7.16	77	155040	21.054	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	174251	21.185	ug/l	100
28) Bromochloromethane	7.51	49	97472	18.692	ug/l	99
29) Tetrahydrofuran	7.52	42	133894	92.087	ug/l	99
30) Chloroform	7.67	83	264652	21.277	ug/l	99
31) Cyclohexane	7.95	56	263730	19.079	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	204218	20.415	ug/l	99
36) 1,1-Dichloropropene	8.08	75	215759	19.730	ug/l	98
37) Ethyl Acetate	7.24	43	93598	18.872	ug/l	99
38) Carbon Tetrachloride	8.07	117	186171	19.624	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	262779	18.725	ug/l	99
40) Benzene	8.32	78	644572	20.833	ug/l	98
41) Methacrylonitrile	7.48	41	55651	20.130	ug/l	94
42) 1,2-Dichloroethane	8.40	62	164675	20.509	ug/l	99
43) Isopropyl Acetate	8.42	43	168309	18.689	ug/l	98
44) Trichloroethene	9.09	130	170656	20.384	ug/l	93
45) 1,2-Dichloropropane	9.37	63	161377	21.255	ug/l	96
46) Dibromomethane	9.45	93	75402	20.117	ug/l	98
47) Bromodichloromethane	9.64	83	190444	20.580	ug/l	99
48) Methyl methacrylate	9.43	41	75180	17.098	ug/l	90
49) 1,4-Dioxane	9.45	88	25571	364.763	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	446237	95.414	ug/l	100
52) Toluene	10.38	92	408144	20.968	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	193033	20.147	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	241493	20.623	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	110971	20.272	ug/l	99
56) Ethyl methacrylate	10.64	69	138121	19.415	ug/l	100
57) 1,3-Dichloropropane	10.93	76	195290	20.299	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	205693	95.069	ug/l	100
59) 2-Hexanone	10.97	43	306037	94.961	ug/l	98
60) Dibromochloromethane	11.13	129	123692	20.027	ug/l	99
61) 1,2-Dibromoethane	11.23	107	104888	20.186	ug/l	100
64) Tetrachloroethene	10.86	164	150237	21.083	ug/l	97
65) Chlorobenzene	11.65	112	419269	20.792	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	141175	20.793	ug/l	99
67) Ethyl Benzene	11.73	91	751597	20.682	ug/l	98
68) m/p-Xylenes	11.83	106	578377	41.585	ug/l	99
69) o-Xylene	12.16	106	268707	20.915	ug/l	99
70) Styrene	12.18	104	462558	21.287	ug/l	99
71) Bromoform	12.35	173	70910	19.148	ug/l #	97
73) Isopropylbenzene	12.46	105	721963	20.573	ug/l	100
74) N-amyl acetate	12.27	43	149902	19.051	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	123546	19.505	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	74629m	16.503	ug/l	
77) Bromobenzene	12.74	156	168144	20.629	ug/l	99
78) n-propylbenzene	12.80	91	853544	20.684	ug/l	100
79) 2-Chlorotoluene	12.89	91	491657	20.936	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	616528	20.924	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	37162	18.310	ug/l	94
82) 4-Chlorotoluene	12.99	91	514070	21.070	ug/l	100
83) tert-Butylbenzene	13.21	119	527537	20.449	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	615179	20.980	ug/l	100
85) sec-Butylbenzene	13.38	105	724108	20.278	ug/l	100
86) p-Isopropyltoluene	13.49	119	667450	20.506	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	333065	21.014	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	324497	20.738	ug/l	97
89) n-Butylbenzene	13.82	91	614819	20.341	ug/l	99
90) Hexachloroethane	14.09	117	112617	19.806	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	288507	20.710	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18549	18.492	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	186940	19.872	ug/l	97
94) Hexachlorobutadiene	15.24	225	125155	19.852	ug/l	97
95) Naphthalene	15.36	128	297153	18.521	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	164462	20.056	ug/l	99

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

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