

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
 Data File : VW014522.D
 Acq On : 06 Jan 2020 14:36
 Operator : SY/VA
 Sample : VW0106SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBS01

Manual Integrations
 APPROVED

apatel
 1/7/2020 10:27:48 AM

Quant Time: Jan 07 03:06:27 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	927460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1383616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1186446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	579534	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	390342	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
35) Dibromofluoromethane	7.88	113	381538	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
50) Toluene-d8	10.32	98	1578818	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
62) 4-Bromofluorobenzene	12.62	95	529647	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	106843	20.403	ug/l	99
3) Chloromethane	2.21	50	129080	20.138	ug/l	99
4) Vinyl Chloride	2.35	62	191255	20.287	ug/l	99
5) Bromomethane	2.77	94	115694	19.865	ug/l	99
6) Chloroethane	2.91	64	104744	19.490	ug/l	99
7) Trichlorofluoromethane	3.25	101	97554	20.681	ug/l	98
8) Diethyl Ether	3.67	74	86356	18.400	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	173659	19.704	ug/l	100
10) Methyl Iodide	4.26	142	250534	18.840	ug/l	98
11) Tert butyl alcohol	5.15	59	65046	89.294	ug/l	100
12) 1,1-Dichloroethene	4.03	96	177326	19.213	ug/l	97
13) Acrolein	3.89	56	63769	90.101	ug/l	99
14) Allyl chloride	4.66	41	282520	20.031	ug/l	98
15) Acrylonitrile	5.36	53	194151	90.502	ug/l	98
16) Acetone	4.11	43	204158	89.164	ug/l	98
17) Carbon Disulfide	4.38	76	539390	19.390	ug/l	96
18) Methyl Acetate	4.66	43	98941	17.892	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	220666	19.260	ug/l	97
20) Methylene Chloride	4.92	84	210473	20.017	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	191215	19.511	ug/l	95
22) Diisopropyl ether	6.31	45	527655	19.987	ug/l	97
23) Vinyl Acetate	6.25	43	1512124	94.854	ug/l	98
24) 1,1-Dichloroethane	6.21	63	330004	19.817	ug/l	98
25) 2-Butanone	7.17	43	267928	91.181	ug/l	95
26) 2,2-Dichloropropane	7.16	77	191741	20.797	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	200520	19.472	ug/l	96
28) Bromochloromethane	7.51	49	114700	17.569	ug/l	# 11
29) Tetrahydrofuran	7.52	42	160909	88.394	ug/l	97
30) Chloroform	7.67	83	309026	19.844	ug/l	98
31) Cyclohexane	7.95	56	338061	19.534	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	248913	19.875	ug/l	98
36) 1,1-Dichloropropene	8.08	75	264613	19.838	ug/l	99
37) Ethyl Acetate	7.24	43	112245	18.554	ug/l	98
38) Carbon Tetrachloride	8.07	117	230499	19.919	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	328540	19.193	ug/l	96
40) Benzene	8.32	78	748492	19.833	ug/l	99
41) Methacrylonitrile	7.48	41	59499	17.644	ug/l	95
42) 1,2-Dichloroethane	8.40	62	193044	19.711	ug/l	98
43) Isopropyl Acetate	8.42	43	200558	18.257	ug/l	99
44) Trichloroethene	9.09	130	199387	19.525	ug/l	97
45) 1,2-Dichloropropane	9.37	63	182378	19.693	ug/l	100
46) Dibromomethane	9.46	93	85647	18.733	ug/l	98
47) Bromodichloromethane	9.64	83	222847	19.743	ug/l	100
48) Methyl methacrylate	9.43	41	97233	18.129	ug/l	99
49) 1,4-Dioxane	9.44	88	28475	333.003	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	522697	91.626	ug/l	99
52) Toluene	10.38	92	466865	19.664	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	221462	18.950	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	273110	19.121	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	125639	18.816	ug/l	99
56) Ethyl methacrylate	10.65	69	157612	18.163	ug/l	98
57) 1,3-Dichloropropane	10.93	76	221417	18.868	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	239600	90.787	ug/l	99
59) 2-Hexanone	10.96	43	357917	91.049	ug/l	99
60) Dibromochloromethane	11.13	129	140892	18.701	ug/l	100
61) 1,2-Dibromoethane	11.23	107	115313	18.194	ug/l	99
64) Tetrachloroethene	10.86	164	166616	19.398	ug/l	98
65) Chlorobenzene	11.66	112	474815	19.534	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	155499	19.001	ug/l	99
67) Ethyl Benzene	11.73	91	853078	19.475	ug/l	98
68) m/p-Xylenes	11.83	106	660570	39.402	ug/l	99
69) o-Xylene	12.16	106	299397	19.333	ug/l	99
70) Styrene	12.18	104	515725	19.689	ug/l	99
71) Bromoform	12.35	173	79311	17.767	ug/l #	99
73) Isopropylbenzene	12.46	105	830609	19.533	ug/l	100
74) N-amyl acetate	12.27	43	176042	18.463	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	141798	18.475	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	107929m	19.697	ug/l	
77) Bromobenzene	12.74	156	192079	19.448	ug/l	99
78) n-propylbenzene	12.80	91	999784	19.994	ug/l	98
79) 2-Chlorotoluene	12.89	91	561588	19.736	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	709145	19.862	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	44552	18.116	ug/l	96
82) 4-Chlorotoluene	12.99	91	584088	19.757	ug/l	99
83) tert-Butylbenzene	13.21	119	603343	19.301	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	704404	19.825	ug/l	99
85) sec-Butylbenzene	13.38	105	853306	19.721	ug/l	100
86) p-Isopropyltoluene	13.49	119	777642	19.717	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	367430	19.132	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	368667	19.444	ug/l	99
89) n-Butylbenzene	13.82	91	722851	19.737	ug/l	99
90) Hexachloroethane	14.09	117	131432	19.076	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	324425	19.219	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	22089	18.174	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	209714	18.397	ug/l	98
94) Hexachlorobutadiene	15.23	225	147408	19.297	ug/l	97
95) Naphthalene	15.36	128	322072	16.567	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	176397	17.753	ug/l	98

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

