

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
 Data File : VW014519.D
 Acq On : 06 Jan 2020 13:18
 Operator : SY/VA
 Sample : VW0106SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBS01

Manual Integrations
 APPROVED

apatel
 1/7/2020 10:27:39 AM

Quant Time: Jan 07 02:55:30 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	868720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1303364	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1102751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	544078	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	372784	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
35) Dibromofluoromethane	7.88	113	362782	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	10.32	98	1519310	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.62	95	499897	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	101835	20.762	ug/l	95
3) Chloromethane	2.21	50	135077	22.499	ug/l	99
4) Vinyl Chloride	2.36	62	190885	21.616	ug/l	97
5) Bromomethane	2.76	94	113231	20.757	ug/l	98
6) Chloroethane	2.92	64	105047	20.868	ug/l	97
7) Trichlorofluoromethane	3.25	101	98418	22.275	ug/l	98
8) Diethyl Ether	3.68	74	83169	18.919	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	171034	20.718	ug/l	99
10) Methyl Iodide	4.27	142	247485	19.869	ug/l	98
11) Tert butyl alcohol	5.16	59	54246	76.735	ug/l	99
12) 1,1-Dichloroethene	4.04	96	172549	19.959	ug/l	98
13) Acrolein	3.89	56	61785	93.200	ug/l	98
14) Allyl chloride	4.66	41	278352	21.070	ug/l	98
15) Acrylonitrile	5.36	53	187808	93.465	ug/l	99
16) Acetone	4.11	43	185749	86.609	ug/l	100
17) Carbon Disulfide	4.38	76	538756	20.677	ug/l	98
18) Methyl Acetate	4.67	43	94637	18.271	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	214873	20.023	ug/l	98
20) Methylene Chloride	4.90	84	296229	32.575	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	185563	20.215	ug/l	93
22) Diisopropyl ether	6.31	45	515910	20.864	ug/l	97
23) Vinyl Acetate	6.24	43	1456716	97.557	ug/l	98
24) 1,1-Dichloroethane	6.21	63	323783	20.758	ug/l	100
25) 2-Butanone	7.17	43	246283	89.482	ug/l	98
26) 2,2-Dichloropropane	7.16	77	179544	20.791	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	193211	20.031	ug/l	97
28) Bromochloromethane	7.51	49	111699	18.266	ug/l	99
29) Tetrahydrofuran	7.52	42	153372	89.950	ug/l	99
30) Chloroform	7.67	83	301123	20.644	ug/l	99
31) Cyclohexane	7.95	56	333119	20.550	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	243727	20.776	ug/l	99
36) 1,1-Dichloropropene	8.08	75	259952	20.689	ug/l	99
37) Ethyl Acetate	7.24	43	103982	18.247	ug/l	98
38) Carbon Tetrachloride	8.06	117	225957	20.728	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	324044	20.096	ug/l	96
40) Benzene	8.32	78	730855	20.558	ug/l	100
41) Methacrylonitrile	7.48	41	58112	18.294	ug/l	97
42) 1,2-Dichloroethane	8.40	62	187125	20.283	ug/l	99
43) Isopropyl Acetate	8.42	43	190062	18.367	ug/l	99
44) Trichloroethene	9.09	130	191519	19.909	ug/l	99
45) 1,2-Dichloropropane	9.37	63	177098	20.300	ug/l	98
46) Dibromomethane	9.45	93	82817	19.230	ug/l	98
47) Bromodichloromethane	9.64	83	214820	20.204	ug/l	99
48) Methyl methacrylate	9.43	41	85056	16.835	ug/l	94
49) 1,4-Dioxane	9.44	88	29978	372.166	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	495759	92.255	ug/l	99
52) Toluene	10.38	92	457621	20.461	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	212796	19.329	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	264011	19.622	ug/l	97
55) 1,1,2-Trichloroethane	10.78	97	120197	19.110	ug/l	98
56) Ethyl methacrylate	10.64	69	148717	18.193	ug/l	99
57) 1,3-Dichloropropane	10.93	76	213722	19.333	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	219783	88.406	ug/l	99
59) 2-Hexanone	10.96	43	333651	90.102	ug/l	96
60) Dibromochloromethane	11.13	129	136431	19.224	ug/l	100
61) 1,2-Dibromoethane	11.23	107	114261	19.138	ug/l	98
64) Tetrachloroethene	10.86	164	161335	20.208	ug/l	96
65) Chlorobenzene	11.65	112	463290	20.507	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	153904	20.233	ug/l	98
67) Ethyl Benzene	11.73	91	850358	20.886	ug/l	97
68) m/p-Xylenes	11.84	106	645283	41.411	ug/l	99
69) o-Xylene	12.16	106	296186	20.578	ug/l	98
70) Styrene	12.18	104	503458	20.680	ug/l	99
71) Bromoform	12.35	173	77374	18.648	ug/l #	98
73) Isopropylbenzene	12.46	105	814499	20.402	ug/l	100
74) N-amyl acetate	12.27	43	168513	18.826	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	137002	19.013	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	104050m	20.227	ug/l	
77) Bromobenzene	12.74	156	180382	19.454	ug/l	97
78) n-propylbenzene	12.80	91	985341	20.990	ug/l	99
79) 2-Chlorotoluene	12.89	91	552099	20.667	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	692936	20.672	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	41412	17.936	ug/l	92
82) 4-Chlorotoluene	12.99	91	574006	20.681	ug/l	100
83) tert-Butylbenzene	13.21	119	596178	20.314	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	689842	20.681	ug/l	99
85) sec-Butylbenzene	13.38	105	839213	20.659	ug/l	99
86) p-Isopropyltoluene	13.49	119	766423	20.699	ug/l	99
87) 1,3-Dichlorobenzene	13.49	146	365303	20.260	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	359891	20.218	ug/l	99
89) n-Butylbenzene	13.82	91	710778	20.672	ug/l	99
90) Hexachloroethane	14.09	117	128904	19.928	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	316038	19.943	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20199	17.702	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	207905	19.427	ug/l	98
94) Hexachlorobutadiene	15.24	225	139179	19.407	ug/l	99
95) Naphthalene	15.36	128	313491	17.176	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	172338	18.475	ug/l	99

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

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