

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061019\
 Data File : VW010738.D
 Acq On : 10 Jun 2019 12:01
 Operator : SY/VA
 Sample : VW0610SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/11/2019 1:02:20 PM

Quant Time: Jun 11 05:45:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	252916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	409729	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	362076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	172981	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	154622	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
35) Dibromofluoromethane	7.88	113	122621	55.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.28%	
50) Toluene-d8	10.32	98	522989	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	
62) 4-Bromofluorobenzene	12.62	95	192238	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	48037	20.553	ug/l	100
3) Chloromethane	2.21	50	70976	20.641	ug/l	98
4) Vinyl Chloride	2.35	62	63335	19.935	ug/l	98
5) Bromomethane	2.75	94	35318	20.244	ug/l	95
6) Chloroethane	2.90	64	37136	19.474	ug/l	97
7) Trichlorofluoromethane	3.25	101	85147	20.646	ug/l	100
8) Diethyl Ether	3.68	74	27265	18.500	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	52137	20.563	ug/l	100
10) Methyl Iodide	4.26	142	41187	19.054	ug/l	98
11) Tert butyl alcohol	5.16	59	27448	113.020	ug/l	96
12) 1,1-Dichloroethene	4.03	96	49197	20.114	ug/l	98
13) Acrolein	3.89	56	6839	68.914	ug/l	99
14) Allyl chloride	4.67	41	113146	20.980	ug/l	99
15) Acrylonitrile	5.36	53	63817	89.130	ug/l	99
16) Acetone	4.12	43	72271	90.478	ug/l	100
17) Carbon Disulfide	4.37	76	157205	20.247	ug/l	100
18) Methyl Acetate	4.67	43	31763	18.473	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	130612	18.515	ug/l	99
20) Methylene Chloride	4.91	84	57283	20.442	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	56472	20.339	ug/l	95
22) Diisopropyl ether	6.31	45	218663	20.252	ug/l	94
23) Vinyl Acetate	6.25	43	609430	93.530	ug/l	99
24) 1,1-Dichloroethane	6.21	63	113287	20.937	ug/l	98
25) 2-Butanone	7.17	43	95841	86.530	ug/l	97
26) 2,2-Dichloropropane	7.17	77	100137	22.743	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	61529	20.136	ug/l	96
28) Bromochloromethane	7.51	49	48065	19.905	ug/l	98
29) Tetrahydrofuran	7.53	42	58495	83.963	ug/l	100
30) Chloroform	7.67	83	99808	20.167	ug/l	100
31) Cyclohexane	7.95	56	120490	20.032	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	91177	21.090	ug/l	100
36) 1,1-Dichloropropene	8.08	75	87899	20.958	ug/l	100
37) Ethyl Acetate	7.25	43	41655	17.923	ug/l	99
38) Carbon Tetrachloride	8.07	117	76359	21.091	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	108503	20.351	ug/l	99
40) Benzene	8.32	78	234284	20.477	ug/l	98
41) Methacrylonitrile	7.48	41	24475	17.717	ug/l	96
42) 1,2-Dichloroethane	8.40	62	72425	19.944	ug/l	98
43) Isopropyl Acetate	8.42	43	79698	17.750	ug/l	99
44) Trichloroethene	9.09	130	58086	20.581	ug/l	97
45) 1,2-Dichloropropane	9.37	63	62214	20.541	ug/l	98
46) Dibromomethane	9.46	93	26474	18.819	ug/l	98
47) Bromodichloromethane	9.65	83	73685	20.206	ug/l	95
48) Methyl methacrylate	9.43	41	38185	17.639	ug/l	100
49) 1,4-Dioxane	9.45	88	8303	377.508	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	200405	87.368	ug/l	99
52) Toluene	10.39	92	144159	20.478	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	76715	19.862	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	92529	20.358	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	38462	18.979	ug/l	98
56) Ethyl methacrylate	10.65	69	56660	18.170	ug/l	97
57) 1,3-Dichloropropane	10.93	76	72608	19.011	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	157652	96.521	ug/l	99
59) 2-Hexanone	10.97	43	141747	85.504	ug/l	99
60) Dibromochloromethane	11.13	129	43494	19.360	ug/l	100
61) 1,2-Dibromoethane	11.23	107	35166	18.314	ug/l	99
64) Tetrachloroethene	10.86	164	47540	19.775	ug/l	97
65) Chlorobenzene	11.66	112	145410	20.422	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	49946	20.264	ug/l	99
67) Ethyl Benzene	11.73	91	285050	20.831	ug/l	100
68) m/p-Xylenes	11.84	106	203350	41.513	ug/l	99
69) o-Xylene	12.16	106	95271	20.507	ug/l	97
70) Styrene	12.18	104	164687	20.406	ug/l	99
71) Bromoform	12.35	173	23777	18.653	ug/l #	98
73) Isopropylbenzene	12.46	105	269839	20.759	ug/l	99
74) N-amyl acetate	12.27	43	76426	18.192	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	43738	17.674	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	31982m	17.606	ug/l	
77) Bromobenzene	12.75	156	56432	19.888	ug/l	98
78) n-propylbenzene	12.80	91	330122	21.062	ug/l	100
79) 2-Chlorotoluene	12.89	91	185333	20.696	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	224563	21.106	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	14247	18.026	ug/l	97
82) 4-Chlorotoluene	12.99	91	193261	20.913	ug/l	99
83) tert-Butylbenzene	13.21	119	188853	20.914	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	224583	20.976	ug/l	99
85) sec-Butylbenzene	13.38	105	275101	20.925	ug/l	100
86) p-Isopropyltoluene	13.50	119	246143	20.936	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	112401	20.542	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	110390	20.349	ug/l	99
89) n-Butylbenzene	13.83	91	249459	21.266	ug/l	100
90) Hexachloroethane	14.10	117	44754	21.256	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	98774	20.073	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7721	18.169	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	69801	20.213	ug/l	100
94) Hexachlorobutadiene	15.24	225	45640	21.059	ug/l	99
95) Naphthalene	15.37	128	108226	17.250	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	57026	19.418	ug/l	98

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

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