

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053019\
 Data File : VW010608.D
 Acq On : 30 May 2019 11:56
 Operator : SY/VA
 Sample : VW0530SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0530SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/1/2019 4:27:14 AM

Quant Time: May 31 07:58:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	129834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	217629	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	193103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	93364	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	66505	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
35) Dibromofluoromethane	7.88	113	68823	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
50) Toluene-d8	10.32	98	271173	53.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.50%	
62) 4-Bromofluorobenzene	12.62	95	103992	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	18716	15.991	ug/l	94
3) Chloromethane	2.21	50	20931	15.344	ug/l	99
4) Vinyl Chloride	2.36	62	23668	14.979	ug/l	98
5) Bromomethane	2.76	94	22091	20.322	ug/l	96
6) Chloroethane	2.91	64	17329	17.084	ug/l	97
7) Trichlorofluoromethane	3.25	101	48569	20.820	ug/l	97
8) Diethyl Ether	3.68	74	13927	18.833	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	30745	21.401	ug/l	99
10) Methyl Iodide	4.27	142	22797	13.883	ug/l	98
11) Tert butyl alcohol	5.18	59	10412	86.377	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	27511	20.061	ug/l	95
13) Acrolein	3.90	56	5615	63.278	ug/l	99
14) Allyl chloride	4.67	41	37772	19.028	ug/l	98
15) Acrylonitrile	5.38	53	26092	84.250	ug/l	97
16) Acetone	4.13	43	24074	88.007	ug/l	100
17) Carbon Disulfide	4.37	76	70356	17.200	ug/l	98
18) Methyl Acetate	4.68	43	12447	18.605	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	65063	18.610	ug/l	98
20) Methylene Chloride	4.91	84	28993	14.459	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	32401	20.598	ug/l	95
22) Diisopropyl ether	6.31	45	80004	19.655	ug/l	95
23) Vinyl Acetate	6.26	43	214060	88.040	ug/l	100
24) 1,1-Dichloroethane	6.21	63	50954	20.977	ug/l	98
25) 2-Butanone	7.17	43	33644	85.943	ug/l	97
26) 2,2-Dichloropropane	7.17	77	49943	21.585	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	35924	21.006	ug/l	99
28) Bromochloromethane	7.51	49	19137	22.005	ug/l	94
29) Tetrahydrofuran	7.53	42	20491	77.354	ug/l	99
30) Chloroform	7.68	83	55485	21.177	ug/l	99
31) Cyclohexane	7.95	56	49764	19.559	ug/l #	96
32) 1,1,1-Trichloroethane	7.87	97	52326	20.896	ug/l	97
36) 1,1-Dichloropropene	8.08	75	44158	21.781	ug/l	99
37) Ethyl Acetate	7.25	43	15856	18.392	ug/l	99
38) Carbon Tetrachloride	8.07	117	47769	21.843	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	57168	21.048	ug/l	99
40) Benzene	8.32	78	122974	21.824	ug/l	98
41) Methacrylonitrile	7.48	41	6977	13.620	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	33584	20.853	ug/l	100
43) Isopropyl Acetate	8.42	43	29313	17.020	ug/l	96
44) Trichloroethene	9.09	130	37387	22.349	ug/l	97
45) 1,2-Dichloropropane	9.37	63	28344	21.180	ug/l	97
46) Dibromomethane	9.46	93	16002	20.446	ug/l	97
47) Bromodichloromethane	9.64	83	40422	20.553	ug/l	98
48) Methyl methacrylate	9.44	41	13154	16.694	ug/l	94
49) 1,4-Dioxane	9.45	88	3544	277.201	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	74993	85.929	ug/l	99
52) Toluene	10.39	92	83854	22.159	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	38109	19.132	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	46536	20.457	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	23476	20.859	ug/l	100
56) Ethyl methacrylate	10.65	69	27714	17.855	ug/l	99
57) 1,3-Dichloropropane	10.93	76	38608	20.479	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	67749	98.543	ug/l	98
59) 2-Hexanone	10.97	43	50770	81.550	ug/l	98
60) Dibromochloromethane	11.13	129	28531	20.031	ug/l	100
61) 1,2-Dibromoethane	11.24	107	23181	20.333	ug/l	99
64) Tetrachloroethene	10.87	164	30388	22.575	ug/l	93
65) Chlorobenzene	11.66	112	91856	22.320	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	32364	21.953	ug/l	99
67) Ethyl Benzene	11.73	91	160767	22.126	ug/l	100
68) m/p-Xylenes	11.84	106	126119	44.253	ug/l	99
69) o-Xylene	12.16	106	58752	21.758	ug/l	100
70) Styrene	12.18	104	98700	21.543	ug/l	99
71) Bromoform	12.35	173	14922	18.380	ug/l #	98
73) Isopropylbenzene	12.46	105	163332	22.046	ug/l	100
74) N-amyl acetate	12.27	43	27184	16.012	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.71	83	25049	18.588	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	13754m	14.513	ug/l	
77) Bromobenzene	12.75	156	37833	22.819	ug/l	95
78) n-propylbenzene	12.80	91	187688	21.738	ug/l	100
79) 2-Chlorotoluene	12.90	91	107951	21.560	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	135622	21.614	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	7152	15.750	ug/l	93
82) 4-Chlorotoluene	12.99	91	113851	21.907	ug/l	99
83) tert-Butylbenzene	13.21	119	118974	21.707	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	135425	21.670	ug/l	100
85) sec-Butylbenzene	13.38	105	165716	21.605	ug/l	100
86) p-Isopropyltoluene	13.50	119	150733	21.711	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	72169	22.187	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	71884	22.026	ug/l	98
89) n-Butylbenzene	13.83	91	138660	20.997	ug/l	99
90) Hexachloroethane	14.10	117	27817	20.700	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	64076	21.620	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3996	15.948	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	41320	20.491	ug/l	99
94) Hexachlorobutadiene	15.24	225	23987	22.266	ug/l	99
95) Naphthalene	15.37	128	72288	17.077	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	35198	20.285	ug/l	99

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

