

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052919\
 Data File : VW010584.D
 Acq On : 29 May 2019 12:06
 Operator : SY/VA
 Sample : VW0529SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0529SBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/30/2019 10:14:08 AM

Quant Time: May 30 07:23:33 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	124391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	204477	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	185706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	93753	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	66962	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
35) Dibromofluoromethane	7.88	113	70511	56.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.66%	
50) Toluene-d8	10.32	98	267937	56.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.06%	
62) 4-Bromofluorobenzene	12.62	95	106060	56.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	18876	16.848	ug/l	96
3) Chloromethane	2.21	50	21167	16.196	ug/l	99
4) Vinyl Chloride	2.35	62	23976	15.838	ug/l	96
5) Bromomethane	2.74	94	17923	17.210	ug/l	93
6) Chloroethane	2.90	64	16656	17.139	ug/l	96
7) Trichlorofluoromethane	3.25	101	46357	20.741	ug/l	98
8) Diethyl Ether	3.68	74	14195	20.036	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	29131	21.164	ug/l	96
10) Methyl Iodide	4.27	142	26309	16.723	ug/l	97
11) Tert butyl alcohol	5.15	59	17964	155.548	ug/l #	88
12) 1,1-Dichloroethene	4.03	96	26699	20.321	ug/l	96
13) Acrolein	3.89	56	6861	87.449	ug/l	95
14) Allyl chloride	4.67	41	37404	19.667	ug/l	98
15) Acrylonitrile	5.37	53	29898	100.764	ug/l	97
16) Acetone	4.12	43	27060	103.252	ug/l	99
17) Carbon Disulfide	4.37	76	71330	18.201	ug/l	99
18) Methyl Acetate	4.67	43	14024	21.879	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	69043	20.613	ug/l	98
20) Methylene Chloride	4.91	84	29157	15.457	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	31090	20.629	ug/l	97
22) Diisopropyl ether	6.31	45	79529	20.394	ug/l	98
23) Vinyl Acetate	6.26	43	229992	98.732	ug/l	100
24) 1,1-Dichloroethane	6.21	63	49259	21.167	ug/l	99
25) 2-Butanone	7.17	43	39885	106.344	ug/l	98
26) 2,2-Dichloropropane	7.17	77	50260	22.673	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	35926	21.927	ug/l	99
28) Bromochloromethane	7.51	49	18353	22.027	ug/l	91
29) Tetrahydrofuran	7.53	42	24300	95.747	ug/l	98
30) Chloroform	7.68	83	54762	21.816	ug/l	98
31) Cyclohexane	7.95	56	46899	19.239	ug/l #	94
32) 1,1,1-Trichloroethane	7.87	97	51028	21.269	ug/l	98
36) 1,1-Dichloropropene	8.08	75	42370	22.244	ug/l	99
37) Ethyl Acetate	7.26	43	17156	21.180	ug/l	98
38) Carbon Tetrachloride	8.07	117	46467	22.614	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	55500	21.748	ug/l	97
40) Benzene	8.32	78	119508	22.573	ug/l	100
41) Methacrylonitrile	7.49	41	9011	18.723	ug/l	93
42) 1,2-Dichloroethane	8.40	62	33778	22.323	ug/l	100
43) Isopropyl Acetate	8.43	43	32867	20.311	ug/l	98
44) Trichloroethene	9.09	130	36582	23.274	ug/l	97
45) 1,2-Dichloropropane	9.37	63	28243	22.462	ug/l	96
46) Dibromomethane	9.46	93	16515	22.459	ug/l	96
47) Bromodichloromethane	9.65	83	40605	21.974	ug/l	95
48) Methyl methacrylate	9.44	41	14656	19.797	ug/l	95
49) 1,4-Dioxane	9.45	88	5185	431.640	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	85357	104.095	ug/l	99
52) Toluene	10.39	92	82137	23.101	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	40094	21.423	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	47172	22.070	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	24624	23.287	ug/l	97
56) Ethyl methacrylate	10.65	69	30292	20.771	ug/l	100
57) 1,3-Dichloropropane	10.93	76	39993	22.579	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	73907	114.414	ug/l	99
59) 2-Hexanone	10.97	43	60968	104.229	ug/l	100
60) Dibromochloromethane	11.13	129	29840	22.297	ug/l	100
61) 1,2-Dibromoethane	11.24	107	23802	22.221	ug/l	97
64) Tetrachloroethene	10.87	164	29289	22.625	ug/l	95
65) Chlorobenzene	11.66	112	90370	22.833	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	32234	22.735	ug/l	98
67) Ethyl Benzene	11.73	91	155509	22.255	ug/l	97
68) m/p-Xylenes	11.84	106	124080	45.271	ug/l	99
69) o-Xylene	12.16	106	58800	22.644	ug/l	98
70) Styrene	12.18	104	98698	22.401	ug/l	99
71) Bromoform	12.35	173	16133	20.663	ug/l #	99
73) Isopropylbenzene	12.47	105	161702	21.735	ug/l	100
74) N-amyl acetate	12.27	43	31351	18.390	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	27071	20.006	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	19088m	20.058	ug/l	
77) Bromobenzene	12.75	156	37691	22.639	ug/l	96
78) n-propylbenzene	12.80	91	183897	21.211	ug/l	99
79) 2-Chlorotoluene	12.90	91	106781	21.238	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	135472	21.500	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	8294	18.189	ug/l	94
82) 4-Chlorotoluene	12.99	91	112207	21.501	ug/l	98
83) tert-Butylbenzene	13.21	119	118816	21.588	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	134850	21.488	ug/l	99
85) sec-Butylbenzene	13.38	105	165448	21.480	ug/l	100
86) p-Isopropyltoluene	13.50	119	150417	21.576	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	72905	22.320	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	72745	22.198	ug/l	98
89) n-Butylbenzene	13.83	91	138138	20.831	ug/l	99
90) Hexachloroethane	14.10	117	27764	20.575	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	67383	22.641	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4867	19.343	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	44960	22.203	ug/l	99
94) Hexachlorobutadiene	15.24	225	24578	22.720	ug/l	98
95) Naphthalene	15.37	128	83597	19.667	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	39446	22.639	ug/l	100

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

