

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082919\
 Data File : VW012320.D
 Acq On : 29 Aug 2019 23:48
 Operator : SY/VA
 Sample : VW0829SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBS02

Manual Integrations
 APPROVED

MMDadoda
 8/30/2019 11:41:39 AM

Quant Time: Aug 30 08:43:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	207415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	344379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	301648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	145417	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	131098	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
35) Dibromofluoromethane	7.88	113	104588	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
50) Toluene-d8	10.32	98	421857	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	12.62	95	149962	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	21375	16.737	ug/l	96
3) Chloromethane	2.21	50	36801	18.599	ug/l	98
4) Vinyl Chloride	2.36	62	44233	18.265	ug/l	98
5) Bromomethane	2.74	94	20823	16.978	ug/l	89
6) Chloroethane	2.90	64	26221	19.193	ug/l	99
7) Trichlorofluoromethane	3.25	101	21216	17.447	ug/l	100
8) Diethyl Ether	3.68	74	25371	21.980	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	39635	19.175	ug/l	99
10) Methyl Iodide	4.26	142	56141	20.074	ug/l	99
11) Tert butyl alcohol	5.17	59	18345	123.634	ug/l	100
12) 1,1-Dichloroethene	4.03	96	39477	18.975	ug/l	95
13) Acrolein	3.89	56	12781	91.505	ug/l	98
14) Allyl chloride	4.67	41	91337	20.536	ug/l	100
15) Acrylonitrile	5.37	53	65225	114.005	ug/l	99
16) Acetone	4.12	43	58091	92.168	ug/l	98
17) Carbon Disulfide	4.38	76	96660	15.373	ug/l	98
18) Methyl Acetate	4.67	43	39633	25.388	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	79385	23.595	ug/l	99
20) Methylene Chloride	4.92	84	53944	22.640	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	44484	19.939	ug/l	99
22) Diisopropyl ether	6.31	45	188478	22.862	ug/l	99
23) Vinyl Acetate	6.25	43	550514	108.504	ug/l	100
24) 1,1-Dichloroethane	6.21	63	97050	21.620	ug/l	100
25) 2-Butanone	7.17	43	90443	105.600	ug/l	100
26) 2,2-Dichloropropane	7.17	77	49511	19.487	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	52589	22.063	ug/l	99
28) Bromochloromethane	7.51	49	44202	22.593	ug/l	98
29) Tetrahydrofuran	7.53	42	60351	117.450	ug/l	100
30) Chloroform	7.67	83	90034	21.923	ug/l	99
31) Cyclohexane	7.95	56	79684	17.942	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	67647	20.822	ug/l	99
36) 1,1-Dichloropropene	8.08	75	68378	19.214	ug/l	99
37) Ethyl Acetate	7.25	43	42332	21.707	ug/l	99
38) Carbon Tetrachloride	8.06	117	59222	19.227	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	72435	18.118	ug/l	100
40) Benzene	8.32	78	201281	20.713	ug/l	100
41) Methacrylonitrile	7.48	41	22665	19.775	ug/l	89
42) 1,2-Dichloroethane	8.40	62	65606	21.542	ug/l	99
43) Isopropyl Acetate	8.42	43	79974	22.139	ug/l	100
44) Trichloroethene	9.09	130	48317	20.454	ug/l	99
45) 1,2-Dichloropropane	9.37	63	55802	21.337	ug/l	99
46) Dibromomethane	9.46	93	25164	21.626	ug/l	97
47) Bromodichloromethane	9.64	83	63993	20.664	ug/l	96
48) Methyl methacrylate	9.43	41	36622	21.301	ug/l	95
49) 1,4-Dioxane	9.45	88	7604	426.868	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	203613	110.821	ug/l	100
52) Toluene	10.38	92	121833	20.870	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	64647	20.493	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	79065	20.758	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	35991	21.861	ug/l	97
56) Ethyl methacrylate	10.65	69	52841	22.053	ug/l	98
57) 1,3-Dichloropropane	10.93	76	68404	21.987	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	135522	110.204	ug/l	99
59) 2-Hexanone	10.97	43	138946	106.880	ug/l	99
60) Dibromochloromethane	11.13	129	38880	21.202	ug/l	99
61) 1,2-Dibromoethane	11.23	107	33901	22.103	ug/l	98
64) Tetrachloroethene	10.86	164	39533	20.215	ug/l	98
65) Chlorobenzene	11.66	112	126443	21.288	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	44080	21.273	ug/l	99
67) Ethyl Benzene	11.73	91	237781	20.782	ug/l	98
68) m/p-Xylenes	11.83	106	171220	41.543	ug/l	99
69) o-Xylene	12.16	106	80392	21.075	ug/l	100
70) Styrene	12.18	104	139743	21.165	ug/l	99
71) Bromoform	12.35	173	21881	21.194	ug/l #	99
73) Isopropylbenzene	12.46	105	225972	20.738	ug/l	99
74) N-amyl acetate	12.27	43	71011	21.570	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	42995	21.523	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	29208m	20.623	ug/l	
77) Bromobenzene	12.74	156	50771	21.538	ug/l	98
78) n-propylbenzene	12.80	91	271475	20.408	ug/l	99
79) 2-Chlorotoluene	12.89	91	158176	20.944	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	190583	20.932	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	12907	19.982	ug/l	99
82) 4-Chlorotoluene	12.99	91	165161	20.886	ug/l	99
83) tert-Butylbenzene	13.21	119	163566	21.208	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	191412	20.928	ug/l	100
85) sec-Butylbenzene	13.38	105	227739	20.610	ug/l	99
86) p-Isopropyltoluene	13.50	119	205153	20.790	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	97700	21.189	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	96757	21.134	ug/l	99
89) n-Butylbenzene	13.82	91	197968	20.174	ug/l	99
90) Hexachloroethane	14.09	117	35159	20.308	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	87062	21.524	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7126	21.160	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	62020	22.188	ug/l	97
94) Hexachlorobutadiene	15.24	225	38544	20.883	ug/l	99
95) Naphthalene	15.36	128	113683	23.256	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	53884	22.095	ug/l	99

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

