

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081019\
 Data File : VW011783.D
 Acq On : 08 Aug 2019 22:03
 Operator : SY/VA
 Sample : VW0810SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0810SBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/9/2019 10:55:20 AM

Quant Time: Aug 09 05:52:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	246845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	409019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	353259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	169929	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	150857	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
35) Dibromofluoromethane	7.88	113	120770	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
50) Toluene-d8	10.32	98	493565	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.62	95	172301	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	25939	18.855	ug/l	95
3) Chloromethane	2.21	50	43993	18.442	ug/l	100
4) Vinyl Chloride	2.35	62	53654	18.682	ug/l	97
5) Bromomethane	2.76	94	27851	17.520	ug/l	98
6) Chloroethane	2.91	64	30190	18.403	ug/l	96
7) Trichlorofluoromethane	3.25	101	23926	18.641	ug/l	99
8) Diethyl Ether	3.68	74	28017	19.252	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45758	18.793	ug/l	99
10) Methyl Iodide	4.27	142	64054	18.616	ug/l	100
11) Tert butyl alcohol	5.17	59	17245	69.571	ug/l #	72
12) 1,1-Dichloroethene	4.04	96	47153	18.342	ug/l	99
13) Acrolein	3.89	56	15607	76.738	ug/l	97
14) Allyl chloride	4.67	41	102671	18.777	ug/l	99
15) Acrylonitrile	5.37	53	68904	94.849	ug/l	100
16) Acetone	4.12	43	59740	66.257	ug/l	99
17) Carbon Disulfide	4.38	76	144483	17.957	ug/l	99
18) Methyl Acetate	4.67	43	40858	20.172	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	78989	19.362	ug/l	94
20) Methylene Chloride	4.92	84	59686	19.194	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	52050	18.780	ug/l	95
22) Diisopropyl ether	6.31	45	199949	19.396	ug/l	96
23) Vinyl Acetate	6.25	43	599846	92.603	ug/l	99
24) 1,1-Dichloroethane	6.21	63	105159	19.047	ug/l	98
25) 2-Butanone	7.17	43	94208	79.850	ug/l	99
26) 2,2-Dichloropropane	7.16	77	55756	16.421	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	58532	19.188	ug/l	99
28) Bromochloromethane	7.51	49	54320	22.166	ug/l	100
29) Tetrahydrofuran	7.53	42	62644	92.889	ug/l	99
30) Chloroform	7.67	83	97635	19.168	ug/l	95
31) Cyclohexane	7.95	56	99722	18.816	ug/l #	96
32) 1,1,1-Trichloroethane	7.87	97	75279	19.406	ug/l	98
36) 1,1-Dichloropropene	8.08	75	79431	18.676	ug/l	100
37) Ethyl Acetate	7.25	43	45476	18.585	ug/l	98
38) Carbon Tetrachloride	8.07	117	67290	18.482	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	87485	18.681	ug/l	94
40) Benzene	8.32	78	222852	18.707	ug/l	99
41) Methacrylonitrile	7.48	41	26592	18.180	ug/l	97
42) 1,2-Dichloroethane	8.40	62	70435	18.884	ug/l	100
43) Isopropyl Acetate	8.43	43	84537	18.786	ug/l	100
44) Trichloroethene	9.09	130	52255	18.250	ug/l	96
45) 1,2-Dichloropropane	9.37	63	59604	18.699	ug/l	99
46) Dibromomethane	9.46	93	27046	18.590	ug/l	100
47) Bromodichloromethane	9.65	83	70022	18.348	ug/l	100
48) Methyl methacrylate	9.43	41	39827	18.424	ug/l	100
49) 1,4-Dioxane	9.45	88	7747	367.761	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	213580	91.247	ug/l	99
52) Toluene	10.39	92	132908	18.474	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	71329	17.893	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	85867	18.116	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38087	18.451	ug/l	99
56) Ethyl methacrylate	10.65	69	55863	18.494	ug/l	99
57) 1,3-Dichloropropane	10.93	76	72081	18.457	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.92	63	160054	116.702	ug/l	100
59) 2-Hexanone	10.97	43	142348	86.132	ug/l	99
60) Dibromochloromethane	11.13	129	41992	18.327	ug/l	99
61) 1,2-Dibromoethane	11.24	107	35592	18.220	ug/l	99
64) Tetrachloroethene	10.86	164	44707	19.437	ug/l	97
65) Chlorobenzene	11.66	112	133715	18.827	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	46596	18.835	ug/l	99
67) Ethyl Benzene	11.73	91	256375	18.954	ug/l	100
68) m/p-Xylenes	11.84	106	186595	37.932	ug/l	99
69) o-Xylene	12.16	106	87028	19.038	ug/l	98
70) Styrene	12.18	104	149834	18.958	ug/l	100
71) Bromoform	12.35	173	23678	18.772	ug/l #	100
73) Isopropylbenzene	12.46	105	238514	18.815	ug/l	100
74) N-amyl acetate	12.27	43	72553	18.280	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	46032	19.304	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	31734m	17.649	ug/l	
77) Bromobenzene	12.75	156	53837	19.214	ug/l	100
78) n-propylbenzene	12.80	91	291608	18.901	ug/l	99
79) 2-Chlorotoluene	12.89	91	168260	18.931	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	202896	19.093	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13413	17.192	ug/l	92
82) 4-Chlorotoluene	12.99	91	175401	18.809	ug/l	99
83) tert-Butylbenzene	13.21	119	172501	19.412	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	203977	19.055	ug/l	99
85) sec-Butylbenzene	13.38	105	240851	18.995	ug/l	100
86) p-Isopropyltoluene	13.50	119	215897	18.766	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	101813	18.531	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	100833	18.449	ug/l	98
89) n-Butylbenzene	13.82	91	209092	18.212	ug/l	99
90) Hexachloroethane	14.09	117	37834	18.598	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	91354	18.800	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7760	19.084	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	60096	17.548	ug/l	99
94) Hexachlorobutadiene	15.24	225	40125	18.788	ug/l	99
95) Naphthalene	15.36	128	110566	17.866	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	53371	17.779	ug/l	99

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

