

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011508.D
 Acq On : 26 Jul 2019 10:41
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 9:17:21 AM

Quant Time: Jul 27 05:39:38 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	227106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	369915	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	318465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	154916	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	123333	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
35) Dibromofluoromethane	7.88	113	101256	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
50) Toluene-d8	10.32	98	401013	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
62) 4-Bromofluorobenzene	12.62	95	148474	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	64414	50.892	ug/l	93
3) Chloromethane	2.21	50	112733	51.365	ug/l	97
4) Vinyl Chloride	2.36	62	148113	56.055	ug/l	97
5) Bromomethane	2.78	94	79869	54.609	ug/l	96
6) Chloroethane	2.92	64	84447	55.950	ug/l	97
7) Trichlorofluoromethane	3.26	101	71031	60.151	ug/l	96
8) Diethyl Ether	3.68	74	76072	56.817	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	127304	56.829	ug/l	99
10) Methyl Iodide	4.27	142	183379	57.927	ug/l	100
11) Tert butyl alcohol	5.18	59	46533	241.154	ug/l	100
12) 1,1-Dichloroethene	4.04	96	135178	57.153	ug/l	98
13) Acrolein	3.89	56	41891	223.875	ug/l	98
14) Allyl chloride	4.67	41	299029	59.442	ug/l	99
15) Acrylonitrile	5.36	53	187057	279.872	ug/l	99
16) Acetone	4.12	43	236090	284.604	ug/l	96
17) Carbon Disulfide	4.38	76	428388	57.869	ug/l	100
18) Methyl Acetate	4.67	43	98505	52.859	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	215057	57.298	ug/l	97
20) Methylene Chloride	4.92	84	148244	51.817	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	146782	57.562	ug/l	99
22) Diisopropyl ether	6.31	45	540704	57.009	ug/l	99
23) Vinyl Acetate	6.25	43	1727592	289.883	ug/l	100
24) 1,1-Dichloroethane	6.21	63	292613	57.606	ug/l	98
25) 2-Butanone	7.16	43	304192	280.239	ug/l	98
26) 2,2-Dichloropropane	7.16	77	168825	54.043	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	160716	57.267	ug/l	99
28) Bromochloromethane	7.51	49	106061	47.041	ug/l	100
29) Tetrahydrofuran	7.52	42	170727	275.159	ug/l	99
30) Chloroform	7.67	83	262921	56.105	ug/l	99
31) Cyclohexane	7.95	56	263665	54.075	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	209234	58.627	ug/l	99
36) 1,1-Dichloropropene	8.08	75	221952	57.703	ug/l	99
37) Ethyl Acetate	7.25	43	121260	54.795	ug/l	99
38) Carbon Tetrachloride	8.07	117	188797	57.336	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	244349	57.692	ug/l	98
40) Benzene	8.32	78	610606	56.673	ug/l	99
41) Methacrylonitrile	7.48	41	74859	56.589	ug/l	95
42) 1,2-Dichloroethane	8.40	62	189853	56.282	ug/l	100
43) Isopropyl Acetate	8.42	43	228655	56.183	ug/l	99
44) Trichloroethene	9.09	130	148561	57.370	ug/l	98
45) 1,2-Dichloropropane	9.37	63	163867	56.843	ug/l	98
46) Dibromomethane	9.46	93	73577	55.920	ug/l	100
47) Bromodichloromethane	9.65	83	197852	57.325	ug/l	99
48) Methyl methacrylate	9.43	41	110608	56.578	ug/l	97
49) 1,4-Dioxane	9.45	88	20281	1064.544	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	586345	276.982	ug/l	100
52) Toluene	10.39	92	376573	57.877	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	206649	57.317	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	247271	57.682	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	104289	55.863	ug/l	98
56) Ethyl methacrylate	10.65	69	157332	57.592	ug/l	99
57) 1,3-Dichloropropane	10.93	76	197163	55.823	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	316007	254.771	ug/l	99
59) 2-Hexanone	10.97	43	434109	290.438	ug/l	100
60) Dibromochloromethane	11.13	129	116944	56.433	ug/l	99
61) 1,2-Dibromoethane	11.24	107	98735	55.887	ug/l	99
64) Tetrachloroethene	10.86	164	120038	57.890	ug/l	98
65) Chlorobenzene	11.66	112	369227	57.668	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	130045	58.311	ug/l	99
67) Ethyl Benzene	11.73	91	717115	58.808	ug/l	100
68) m/p-Xylenes	11.84	106	520844	117.449	ug/l	100
69) o-Xylene	12.16	106	241627	58.634	ug/l	100
70) Styrene	12.18	104	421060	59.095	ug/l	100
71) Bromoform	12.35	173	66871	58.809	ug/l #	99
73) Isopropylbenzene	12.46	105	670279	57.997	ug/l	100
74) N-amyl acetate	12.27	43	208306	57.571	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	121939	56.093	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	87358m	53.293	ug/l	
77) Bromobenzene	12.75	156	146963	57.532	ug/l	100
78) n-propylbenzene	12.80	91	825092	58.663	ug/l	99
79) 2-Chlorotoluene	12.89	91	468208	57.783	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	563968	58.215	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	42164	59.281	ug/l	98
82) 4-Chlorotoluene	12.99	91	484387	56.976	ug/l	99
83) tert-Butylbenzene	13.21	119	475511	58.695	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	560952	57.480	ug/l	100
85) sec-Butylbenzene	13.38	105	675924	58.473	ug/l	100
86) p-Isopropyltoluene	13.50	119	611618	58.315	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	285397	56.980	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	278626	55.921	ug/l	99
89) n-Butylbenzene	13.82	91	616684	58.919	ug/l	99
90) Hexachloroethane	14.10	117	109433	59.006	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	251885	56.859	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20348	54.890	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	179897	57.620	ug/l	99
94) Hexachlorobutadiene	15.24	225	112169	57.610	ug/l	99
95) Naphthalene	15.37	128	323346	52.752	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	153494	56.086	ug/l	99

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

