

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030519\
 Data File : VW008969.D
 Acq On : 04 Mar 2019 18:22
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/5/2019 11:49:58 PM

Quant Time: Mar 05 06:39:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	267679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	369273	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	363684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	205505	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	127591	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
35) Dibromofluoromethane	7.88	113	112384	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
50) Toluene-d8	10.32	98	452157	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
62) 4-Bromofluorobenzene	12.62	95	176862	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	134520	50.175	ug/l	100
3) Chloromethane	2.21	50	164851	50.513	ug/l	98
4) Vinyl Chloride	2.35	62	166473	48.178	ug/l	100
5) Bromomethane	2.75	94	133943	52.190	ug/l	95
6) Chloroethane	2.91	64	120025	48.917	ug/l	97
7) Trichlorofluoromethane	3.25	101	230049	52.641	ug/l	96
8) Diethyl Ether	3.68	74	70705	51.104	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	139799	52.679	ug/l	100
10) Methyl Iodide	4.27	142	145915	43.970	ug/l	98
11) Tert butyl alcohol	5.17	59	58967	263.823	ug/l	99
12) 1,1-Dichloroethene	4.04	96	120553	51.437	ug/l	99
13) Acrolein	3.89	56	69134	289.825	ug/l	100
14) Allyl chloride	4.67	41	207742	51.358	ug/l	97
15) Acrylonitrile	5.37	53	180968	304.777	ug/l	99
16) Acetone	4.12	43	180552	310.262	ug/l	97
17) Carbon Disulfide	4.37	76	394445	50.725	ug/l	100
18) Methyl Acetate	4.67	43	87235	63.201	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	346905	54.685	ug/l	97
20) Methylene Chloride	4.92	84	158082	55.730	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	141822	52.312	ug/l	93
22) Diisopropyl ether	6.31	45	440364	54.574	ug/l	97
23) Vinyl Acetate	6.26	43	1392804	279.369	ug/l	99
24) 1,1-Dichloroethane	6.21	63	250173	53.503	ug/l	100
25) 2-Butanone	7.17	43	241252	296.531	ug/l	99
26) 2,2-Dichloropropane	7.17	77	219116	51.616	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	154710	53.348	ug/l	97
28) Bromochloromethane	7.51	49	101515	51.881	ug/l	100
29) Tetrahydrofuran	7.52	42	158090	304.915	ug/l	99
30) Chloroform	7.67	83	262579	54.739	ug/l	99
31) Cyclohexane	7.95	56	229861	48.565	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	235054	53.883	ug/l	99
36) 1,1-Dichloropropene	8.08	75	198894	55.331	ug/l	99
37) Ethyl Acetate	7.25	43	106088	63.465	ug/l	99
38) Carbon Tetrachloride	8.07	117	210801	55.607	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	248038	55.320	ug/l	98
40) Benzene	8.32	78	564271	57.494	ug/l	99
41) Methacrylonitrile	7.49	41	60607	61.682	ug/l	94
42) 1,2-Dichloroethane	8.40	62	182808	58.799	ug/l	100
43) Isopropyl Acetate	8.42	43	203881	61.112	ug/l	98
44) Trichloroethene	9.09	130	153339	55.461	ug/l	95
45) 1,2-Dichloropropane	9.37	63	138964	57.298	ug/l	96
46) Dibromomethane	9.46	93	81045	60.076	ug/l	96
47) Bromodichloromethane	9.65	83	190056	57.904	ug/l	98
48) Methyl methacrylate	9.43	41	97306	60.899	ug/l	98
49) 1,4-Dioxane	9.45	88	26965	1248.167	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	570240	336.670	ug/l	100
52) Toluene	10.39	92	391369	58.757	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	196649	58.781	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	219622	57.559	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	108562	59.339	ug/l	96
56) Ethyl methacrylate	10.65	69	154244	64.892	ug/l	98
57) 1,3-Dichloropropane	10.93	76	193314	59.846	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	348787	291.759	ug/l	99
59) 2-Hexanone	10.97	43	415902	344.948	ug/l	99
60) Dibromochloromethane	11.13	129	133889	59.999	ug/l	99
61) 1,2-Dibromoethane	11.24	107	108495	59.911	ug/l	100
64) Tetrachloroethene	10.86	164	145608	55.932	ug/l	99
65) Chlorobenzene	11.66	112	434711	56.846	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	143680	55.567	ug/l	98
67) Ethyl Benzene	11.73	91	784236	57.367	ug/l	98
68) m/p-Xylenes	11.84	106	621059	113.703	ug/l	100
69) o-Xylene	12.17	106	289492	56.466	ug/l	98
70) Styrene	12.18	104	479163	58.093	ug/l	99
71) Bromoform	12.35	173	84014	60.446	ug/l #	99
73) Isopropylbenzene	12.47	105	795707	56.480	ug/l	99
74) N-amyl acetate	12.27	43	226519	63.831	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	140403	60.993	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	99372m	58.567	ug/l	
77) Bromobenzene	12.75	156	190426	57.199	ug/l	98
78) n-propylbenzene	12.80	91	987922	57.327	ug/l	100
79) 2-Chlorotoluene	12.90	91	551560	56.372	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	690745	56.420	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	42207	60.475	ug/l	95
82) 4-Chlorotoluene	12.99	91	583954	56.636	ug/l	99
83) tert-Butylbenzene	13.21	119	585741	55.332	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	705696	55.683	ug/l	100
85) sec-Butylbenzene	13.38	105	865253	56.844	ug/l	99
86) p-Isopropyltoluene	13.50	119	784796	56.241	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	383900	55.579	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	380375	55.874	ug/l	100
89) n-Butylbenzene	13.83	91	738975	56.527	ug/l	99
90) Hexachloroethane	14.10	117	134101	58.704	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	348691	56.656	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	28166	67.640	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	246300	55.542	ug/l	99
94) Hexachlorobutadiene	15.24	225	153856	58.903	ug/l	99
95) Naphthalene	15.37	128	442853	58.655	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	216533	56.475	ug/l	98

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

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