

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110819\
 Data File : VW013952.D
 Acq On : 08 Nov 2019 18:29
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/12/2019 12:59:02 PM

Quant Time: Nov 09 04:19:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	330749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	480124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	411940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	209312	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	128631	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
35) Dibromofluoromethane	7.88	113	133198	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
50) Toluene-d8	10.32	98	554202	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
62) 4-Bromofluorobenzene	12.62	95	188946	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	83478	47.908	ug/l	95
3) Chloromethane	2.21	50	85462	45.637	ug/l	98
4) Vinyl Chloride	2.36	62	141768	50.129	ug/l	97
5) Bromomethane	2.78	94	92038	49.484	ug/l	97
6) Chloroethane	2.92	64	91820	53.656	ug/l	99
7) Trichlorofluoromethane	3.26	101	95688	54.169	ug/l	99
8) Diethyl Ether	3.68	74	76060	53.295	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	138265	48.148	ug/l	99
10) Methyl Iodide	4.28	142	233230	49.840	ug/l	99
11) Tert butyl alcohol	5.16	59	53918	364.017	ug/l	97
12) 1,1-Dichloroethene	4.04	96	145769	49.141	ug/l	97
13) Acrolein	3.89	56	48730	287.162	ug/l	98
14) Allyl chloride	4.67	41	234290	51.366	ug/l	98
15) Acrylonitrile	5.36	53	170258	293.391	ug/l	98
16) Acetone	4.12	43	160372	304.841	ug/l	93
17) Carbon Disulfide	4.39	76	402693	47.270	ug/l	99
18) Methyl Acetate	4.67	43	82353	57.106	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	201407	56.581	ug/l	99
20) Methylene Chloride	4.92	84	161773	56.508	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	157709	49.398	ug/l	95
22) Diisopropyl ether	6.31	45	450956	54.201	ug/l	98
23) Vinyl Acetate	6.25	43	1358173	281.332	ug/l	99
24) 1,1-Dichloroethane	6.21	63	269049	51.060	ug/l	99
25) 2-Butanone	7.17	43	228351	301.914	ug/l	97
26) 2,2-Dichloropropane	7.17	77	148881	48.862	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	173829	51.261	ug/l	98
28) Bromochloromethane	7.51	49	103139	54.806	ug/l #	97
29) Tetrahydrofuran	7.52	42	140960	301.032	ug/l	100
30) Chloroform	7.67	83	260380	49.987	ug/l	99
31) Cyclohexane	7.95	56	262413	47.587	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	204843	50.113	ug/l	100
36) 1,1-Dichloropropene	8.08	75	214526	47.977	ug/l	100
37) Ethyl Acetate	7.25	43	95175	55.604	ug/l	99
38) Carbon Tetrachloride	8.07	117	192069	47.701	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	285671	49.472	ug/l	99
40) Benzene	8.32	78	622657	49.206	ug/l	99
41) Methacrylonitrile	7.48	41	60657	56.828	ug/l	93
42) 1,2-Dichloroethane	8.40	62	159763	50.101	ug/l	100
43) Isopropyl Acetate	8.42	43	184871	56.426	ug/l	98
44) Trichloroethene	9.09	130	177121	48.864	ug/l	97
45) 1,2-Dichloropropane	9.37	63	153958	50.937	ug/l	98
46) Dibromomethane	9.46	93	74783	50.976	ug/l	98
47) Bromodichloromethane	9.64	83	191382	50.420	ug/l	98
48) Methyl methacrylate	9.43	41	86087	52.985	ug/l	95
49) 1,4-Dioxane	9.45	88	26786	1235.629	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	467508	287.153	ug/l	100
52) Toluene	10.38	92	402713	49.337	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	202834	52.786	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	244335	51.538	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	114635	52.432	ug/l	97
56) Ethyl methacrylate	10.65	69	156526	57.223	ug/l	99
57) 1,3-Dichloropropane	10.93	76	194068	51.725	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	365778	290.548	ug/l	99
59) 2-Hexanone	10.96	43	327979	292.215	ug/l	98
60) Dibromochloromethane	11.13	129	129695	49.962	ug/l	100
61) 1,2-Dibromoethane	11.23	107	107853	52.143	ug/l	100
64) Tetrachloroethene	10.86	164	155328	49.352	ug/l	98
65) Chlorobenzene	11.66	112	422278	49.885	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	150049	50.790	ug/l	99
67) Ethyl Benzene	11.73	91	767630	50.290	ug/l	98
68) m/p-Xylenes	11.84	106	588541	99.799	ug/l	99
69) o-Xylene	12.16	106	274417	50.625	ug/l	99
70) Styrene	12.18	104	483298	51.893	ug/l	99
71) Bromoform	12.35	173	80686	52.043	ug/l	98
73) Isopropylbenzene	12.46	105	769123	51.168	ug/l	99
74) N-amyl acetate	12.27	43	175796	60.459	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	127638	53.810	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	81754m	54.388	ug/l	
77) Bromobenzene	12.74	156	185004	51.522	ug/l	98
78) n-propylbenzene	12.80	91	893688	51.367	ug/l	99
79) 2-Chlorotoluene	12.89	91	500497	51.191	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	651248	51.324	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	44079	55.419	ug/l	97
82) 4-Chlorotoluene	12.99	91	523461	50.998	ug/l	99
83) tert-Butylbenzene	13.21	119	583611	51.815	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	653129	52.180	ug/l	99
85) sec-Butylbenzene	13.38	105	790159	51.302	ug/l	99
86) p-Isopropyltoluene	13.50	119	742364	51.743	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	356152	51.191	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	350305	50.683	ug/l	100
89) n-Butylbenzene	13.82	91	672521	51.931	ug/l	99
90) Hexachloroethane	14.09	117	125144	50.182	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	313082	51.900	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	19983	55.712	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	237592	54.119	ug/l	99
94) Hexachlorobutadiene	15.24	225	150912	50.920	ug/l	98
95) Naphthalene	15.36	128	408174	59.300	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	204626	54.092	ug/l	98

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

