

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011020\
 Data File : VW014611.D
 Acq On : 10 Jan 2020 20:21
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 12:01:52 PM

Quant Time: Jan 11 04:49:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	696300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1031106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	909257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	435454	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	308711	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
35) Dibromofluoromethane	7.88	113	302437	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
50) Toluene-d8	10.32	98	1253222	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.62	95	440219	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	189459	48.191	ug/l	98
3) Chloromethane	2.21	50	222372	46.210	ug/l	99
4) Vinyl Chloride	2.36	62	366295	51.752	ug/l	96
5) Bromomethane	2.78	94	227405	52.010	ug/l	97
6) Chloroethane	2.92	64	215104	53.313	ug/l	99
7) Trichlorofluoromethane	3.25	101	167000	47.158	ug/l	100
8) Diethyl Ether	3.68	74	193013	54.778	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	360907	54.544	ug/l	99
10) Methyl Iodide	4.27	142	518400	51.925	ug/l	100
11) Tert butyl alcohol	5.16	59	134768	290.858	ug/l	98
12) 1,1-Dichloroethene	4.04	96	372486	53.756	ug/l	95
13) Acrolein	3.89	56	185131	348.415	ug/l	100
14) Allyl chloride	4.66	41	558499	52.744	ug/l	100
15) Acrylonitrile	5.36	53	483008	299.896	ug/l	99
16) Acetone	4.12	43	502247	292.173	ug/l	99
17) Carbon Disulfide	4.38	76	1052669	50.404	ug/l	99
18) Methyl Acetate	4.66	43	239686	57.733	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	507904	59.049	ug/l	99
20) Methylene Chloride	4.92	84	374150	54.191	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	389560	52.947	ug/l	99
22) Diisopropyl ether	6.31	45	1084176	54.702	ug/l	99
23) Vinyl Acetate	6.25	43	3274347	273.584	ug/l	100
24) 1,1-Dichloroethane	6.21	63	665114	53.200	ug/l	99
25) 2-Butanone	7.16	43	656435	297.562	ug/l	99
26) 2,2-Dichloropropane	7.16	77	351770	50.821	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	412765	53.390	ug/l	100
28) Bromochloromethane	7.51	49	279025	56.927	ug/l	100
29) Tetrahydrofuran	7.52	42	400462	293.022	ug/l	98
30) Chloroform	7.67	83	624140	53.386	ug/l	99
31) Cyclohexane	7.95	56	664254	51.125	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	509265	54.162	ug/l	99
36) 1,1-Dichloropropene	8.08	75	535303	53.852	ug/l	100
37) Ethyl Acetate	7.24	43	265671	58.930	ug/l	99
38) Carbon Tetrachloride	8.07	117	468120	54.282	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	704911	55.259	ug/l	99
40) Benzene	8.32	78	1512466	53.777	ug/l	100
41) Methacrylonitrile	7.48	41	148514	59.097	ug/l	100
42) 1,2-Dichloroethane	8.40	62	400567	54.883	ug/l	99
43) Isopropyl Acetate	8.42	43	483484	59.059	ug/l	100
44) Trichloroethene	9.09	130	416461	54.723	ug/l	90
45) 1,2-Dichloropropane	9.37	63	375736	54.442	ug/l	97
46) Dibromomethane	9.46	93	188683	55.380	ug/l	99
47) Bromodichloromethane	9.64	83	466113	55.413	ug/l	98
48) Methyl methacrylate	9.43	41	238627	59.702	ug/l	99
49) 1,4-Dioxane	9.44	88	74525	1169.494	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	1299108	305.581	ug/l	99
52) Toluene	10.38	92	962661	54.407	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	482737	55.428	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	580534	54.540	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	280759	56.423	ug/l	99
56) Ethyl methacrylate	10.64	69	395020	61.085	ug/l	99
57) 1,3-Dichloropropane	10.93	76	495750	56.687	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	617601	314.021	ug/l	99
59) 2-Hexanone	10.96	43	941111	321.253	ug/l	100
60) Dibromochloromethane	11.13	129	312705	55.697	ug/l	99
61) 1,2-Dibromoethane	11.23	107	270325	57.232	ug/l	99
64) Tetrachloroethene	10.86	164	412159	62.612	ug/l	97
65) Chlorobenzene	11.65	112	984667	52.860	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	337288	53.777	ug/l	99
67) Ethyl Benzene	11.73	91	1820187	54.220	ug/l	99
68) m/p-Xylenes	11.83	106	1383882	107.711	ug/l	99
69) o-Xylene	12.16	106	649011	54.686	ug/l	100
70) Styrene	12.18	104	1108580	55.225	ug/l	99
71) Bromoform	12.35	173	189368	55.354	ug/l #	99
73) Isopropylbenzene	12.46	105	1801624	56.386	ug/l	100
74) N-amyl acetate	12.27	43	440498	61.486	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	324510	56.269	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	202016m	49.067	ug/l	
77) Bromobenzene	12.74	156	409245	55.147	ug/l	100
78) n-propylbenzene	12.80	91	2097311	55.822	ug/l	100
79) 2-Chlorotoluene	12.89	91	1171238	54.779	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1497982	55.837	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	108598	58.769	ug/l	98
82) 4-Chlorotoluene	12.99	91	1216689	54.772	ug/l	100
83) tert-Butylbenzene	13.21	119	1328122	56.544	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	1471355	55.113	ug/l	99
85) sec-Butylbenzene	13.38	105	1859273	57.187	ug/l	100
86) p-Isopropyltoluene	13.49	119	1691079	57.065	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	794320	55.044	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	781615	54.863	ug/l	99
89) n-Butylbenzene	13.82	91	1589574	57.762	ug/l	99
90) Hexachloroethane	14.09	117	283570	54.776	ug/l	98
91) 1,2-Dichlorobenzene	13.86	146	708567	55.866	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	53393	58.464	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	507270	59.225	ug/l	99
94) Hexachlorobutadiene	15.23	225	325741	56.751	ug/l	97
95) Naphthalene	15.36	128	980085	67.095	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	444412	59.526	ug/l	99

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

