

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050620\
 Data File : VW015405.D
 Acq On : 06 May 2020 09:45
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/7/2020 10:34:47 AM

Quant Time: May 07 03:24:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 18:41:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	243466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	393207	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	354081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	176080	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	132296	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
35) Dibromofluoromethane	7.88	113	116130	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
50) Toluene-d8	10.32	98	487409	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
62) 4-Bromofluorobenzene	12.62	95	176865	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	77080	54.760	ug/l	99
3) Chloromethane	2.21	50	93380	52.990	ug/l	98
4) Vinyl Chloride	2.36	62	135483	50.767	ug/l	98
5) Bromomethane	2.78	94	105624	50.520	ug/l	95
6) Chloroethane	2.92	64	94598	51.438	ug/l	99
7) Trichlorofluoromethane	3.26	101	97485	49.801	ug/l	99
8) Diethyl Ether	3.68	74	59289	48.469	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	116009	51.124	ug/l	99
10) Methyl Iodide	4.26	142	171611	49.979	ug/l	99
11) Tert butyl alcohol	5.20	59	34688	224.764	ug/l	97
12) 1,1-Dichloroethene	4.03	96	120302	51.123	ug/l	94
13) Acrolein	3.89	56	45047	228.570	ug/l	99
14) Allyl chloride	4.66	41	213972	51.896	ug/l	99
15) Acrylonitrile	5.37	53	120058	241.157	ug/l	100
16) Acetone	4.13	43	115154	276.970	ug/l	98
17) Carbon Disulfide	4.37	76	371186	51.443	ug/l	99
18) Methyl Acetate	4.67	43	52520	47.585	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	180572	47.759	ug/l	99
20) Methylene Chloride	4.91	84	121777	44.891	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	135584	50.757	ug/l	99
22) Diisopropyl ether	6.31	45	400951	49.764	ug/l	98
23) Vinyl Acetate	6.25	43	1215328	248.141	ug/l	99
24) 1,1-Dichloroethane	6.21	63	243299	50.371	ug/l	99
25) 2-Butanone	7.17	43	158983	245.327	ug/l	98
26) 2,2-Dichloropropane	7.16	77	157261	49.123	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	146093	50.367	ug/l	99
28) Bromochloromethane	7.51	49	94799	48.811	ug/l	98
29) Tetrahydrofuran	7.53	42	101618	238.269	ug/l	99
30) Chloroform	7.67	83	239301	49.863	ug/l	100
31) Cyclohexane	7.95	56	236612	48.246	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	205855	51.036	ug/l	99
36) 1,1-Dichloropropene	8.08	75	202579	52.438	ug/l	100
37) Ethyl Acetate	7.25	43	76619	51.114	ug/l	99
38) Carbon Tetrachloride	8.06	117	188628	52.228	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	258072	52.774	ug/l	99
40) Benzene	8.32	78	536586	50.927	ug/l	99
41) Methacrylonitrile	7.48	41	44420	46.900	ug/l	99
42) 1,2-Dichloroethane	8.40	62	162275	50.566	ug/l	99
43) Isopropyl Acetate	8.42	43	157010	49.805	ug/l	100
44) Trichloroethene	9.09	130	142561	52.204	ug/l	97
45) 1,2-Dichloropropane	9.37	63	133097	51.136	ug/l	100
46) Dibromomethane	9.46	93	64825	50.075	ug/l	97
47) Bromodichloromethane	9.64	83	184413	52.270	ug/l	98
48) Methyl methacrylate	9.43	41	73622	50.558	ug/l	99
49) 1,4-Dioxane	9.46	88	15753	966.949	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	368028	249.101	ug/l	100
52) Toluene	10.38	92	351680	51.363	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	187143	51.967	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	218246	51.471	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	90592	49.487	ug/l	95
56) Ethyl methacrylate	10.65	69	126303	50.215	ug/l	98
57) 1,3-Dichloropropane	10.93	76	164903	50.101	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	303574	248.087	ug/l	100
59) 2-Hexanone	10.97	43	255568	255.652	ug/l	100
60) Dibromochloromethane	11.13	129	112904	51.281	ug/l	100
61) 1,2-Dibromoethane	11.23	107	87882	50.701	ug/l	100
64) Tetrachloroethene	10.86	164	114074	52.708	ug/l	95
65) Chlorobenzene	11.66	112	358464	51.346	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	127446	51.489	ug/l	99
67) Ethyl Benzene	11.73	91	695094	52.018	ug/l	100
68) m/p-Xylenes	11.83	106	521721	105.014	ug/l	99
69) o-Xylene	12.16	106	245455	52.576	ug/l	99
70) Styrene	12.18	104	424158	52.752	ug/l	99
71) Bromoform	12.35	173	60983	50.520	ug/l #	96
73) Isopropylbenzene	12.46	105	687022	52.263	ug/l	100
74) N-amyl acetate	12.27	43	155256	49.964	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	103561	50.360	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	67501m	46.600	ug/l	
77) Bromobenzene	12.74	156	140374	50.389	ug/l	98
78) n-propylbenzene	12.80	91	829751	52.610	ug/l	100
79) 2-Chlorotoluene	12.89	91	463303	52.113	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	581697	52.534	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	38304	52.306	ug/l	99
82) 4-Chlorotoluene	12.99	91	484734	51.448	ug/l	99
83) tert-Butylbenzene	13.21	119	502013	53.133	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	578538	52.228	ug/l	99
85) sec-Butylbenzene	13.38	105	714269	53.655	ug/l	100
86) p-Isopropyltoluene	13.50	119	642748	52.939	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	290672	52.381	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	280040	50.956	ug/l	97
89) n-Butylbenzene	13.82	91	633082	53.263	ug/l	100
90) Hexachloroethane	14.09	117	120429	53.826	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	251893	52.426	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	17982	50.088	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	172704	53.481	ug/l	100
94) Hexachlorobutadiene	15.24	225	101801	53.199	ug/l	99
95) Naphthalene	15.36	128	301338	52.095	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	147320	53.095	ug/l	98

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

