

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
 Data File : VW015346.D
 Acq On : 24 Apr 2020 16:50
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 4/27/2020 2:28:10 PM

Quant Time: Apr 25 07:27:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	331091	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	314712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	179038	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	93192	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
35) Dibromofluoromethane	7.88	113	92779	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	10.32	98	364014	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
62) 4-Bromofluorobenzene	12.62	95	144963	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	83498	44.890	ug/l	97
3) Chloromethane	2.21	50	85310	42.116	ug/l	99
4) Vinyl Chloride	2.35	62	100973	42.214	ug/l	99
5) Bromomethane	2.76	94	83746	49.242	ug/l	94
6) Chloroethane	2.92	64	62450	42.091	ug/l	98
7) Trichlorofluoromethane	3.26	101	149832	44.267	ug/l	95
8) Diethyl Ether	3.68	74	44211	46.535	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.06	101	93141	44.623	ug/l	91
10) Methyl Iodide	4.28	142	101892	46.477	ug/l	99
11) Tert butyl alcohol	5.17	59	35907	228.688	ug/l	100
12) 1,1-Dichloroethene	4.04	96	89001	44.300	ug/l	95
13) Acrolein	3.90	56	17230	209.661	ug/l	97
14) Allyl chloride	4.67	41	114079	42.802	ug/l #	85
15) Acrylonitrile	5.37	53	85127	235.452	ug/l	98
16) Acetone	4.12	43	71326	212.011	ug/l	100
17) Carbon Disulfide	4.38	76	251631	42.147	ug/l	100
18) Methyl Acetate	4.67	43	41859	47.005	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	219692	47.635	ug/l	96
20) Methylene Chloride	4.92	84	97726	44.323	ug/l	91
21) trans-1,2-Dichloroethene	5.43	96	103142	45.267	ug/l	93
22) Diisopropyl ether	6.31	45	231698	45.315	ug/l #	92
23) Vinyl Acetate	6.26	43	697051	232.316	ug/l	96
24) 1,1-Dichloroethane	6.22	63	160678	45.344	ug/l	98
25) 2-Butanone	7.17	43	104308	233.692	ug/l #	88
26) 2,2-Dichloropropane	7.17	77	161036	43.197	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	115716	47.041	ug/l	97
28) Bromochloromethane	7.51	49	60654	47.078	ug/l #	71
29) Tetrahydrofuran	7.53	42	67651	243.277	ug/l	88
30) Chloroform	7.68	83	180448	47.182	ug/l	97
31) Cyclohexane	7.95	56	139874	39.269	ug/l	91
32) 1,1,1-Trichloroethane	7.87	97	167511	45.382	ug/l	99
36) 1,1-Dichloropropene	8.09	75	135465	45.332	ug/l	98
37) Ethyl Acetate	7.26	43	47190	48.658	ug/l #	97
38) Carbon Tetrachloride	8.07	117	152549	46.714	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	174119	43.777	ug/l	96
40) Benzene	8.32	78	370222	46.379	ug/l	96
41) Methacrylonitrile	7.48	41	27280	46.880	ug/l #	86
42) 1,2-Dichloroethane	8.40	62	116381	49.525	ug/l	99
43) Isopropyl Acetate	8.42	43	98310	48.332	ug/l	96
44) Trichloroethene	9.09	130	117962	48.311	ug/l	93
45) 1,2-Dichloropropane	9.37	63	84930	45.751	ug/l	98
46) Dibromomethane	9.46	93	53050	49.403	ug/l #	86
47) Bromodichloromethane	9.64	83	135296	47.132	ug/l	98
48) Methyl methacrylate	9.43	41	44529	46.309	ug/l #	83
49) 1,4-Dioxane	9.45	88	15104	1055.096	ug/l	91
51) 4-Methyl-2-Pentanone	10.21	43	237023	248.232	ug/l	96
52) Toluene	10.39	92	268186	48.005	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	136041	48.063	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	154171	46.861	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	74581	49.601	ug/l	97
56) Ethyl methacrylate	10.65	69	94271	48.667	ug/l	93
57) 1,3-Dichloropropane	10.93	76	122210	49.065	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	221756	246.930	ug/l #	88
59) 2-Hexanone	10.96	43	165183	242.345	ug/l	97
60) Dibromochloromethane	11.13	129	99619	50.178	ug/l	99
61) 1,2-Dibromoethane	11.23	107	73503	50.098	ug/l	99
64) Tetrachloroethene	10.86	164	109402	48.707	ug/l	91
65) Chlorobenzene	11.66	112	297815	48.225	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	110053	49.583	ug/l	97
67) Ethyl Benzene	11.73	91	545726	47.386	ug/l	99
68) m/p-Xylenes	11.84	106	434517	96.255	ug/l	98
69) o-Xylene	12.16	106	205244	48.711	ug/l	99
70) Styrene	12.18	104	354936	49.418	ug/l	99
71) Bromoform	12.35	173	61043	48.810	ug/l #	100
73) Isopropylbenzene	12.46	105	573102	46.168	ug/l	100
74) N-amyl acetate	12.27	43	101428	46.966	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.71	83	82871	47.019	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	65297m	47.144	ug/l	
77) Bromobenzene	12.74	156	136335	47.803	ug/l	83
78) n-propylbenzene	12.80	91	659174	45.607	ug/l	96
79) 2-Chlorotoluene	12.89	91	381127	46.791	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	499950	46.754	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	27911	44.052	ug/l	93
82) 4-Chlorotoluene	12.99	91	404914	46.821	ug/l	97
83) tert-Butylbenzene	13.21	119	438253	46.892	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	495203	46.952	ug/l	100
85) sec-Butylbenzene	13.38	105	597392	46.283	ug/l	98
86) p-Isopropyltoluene	13.50	119	552894	46.099	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	276002	48.706	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	269164	48.456	ug/l	96
89) n-Butylbenzene	13.82	91	496763	45.315	ug/l	98
90) Hexachloroethane	14.09	117	100997	45.918	ug/l	74
91) 1,2-Dichlorobenzene	13.87	146	243240	49.397	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.48	75	15816	49.587	ug/l	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	173511	50.694	ug/l	98
94) Hexachlorobutadiene	15.23	225	111427	48.830	ug/l	97
95) Naphthalene	15.36	128	289440	52.570	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	147574	52.993	ug/l	97

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

