

Data File : VW012707.D
Acq On : 06 Sep 2019 22:57
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/9/2019 4:45:16 AM

Quant Time: Sep 07 06:49:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	179480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	285784	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	253709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	127996	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	117524	55.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.16%	
35) Dibromofluoromethane	7.88	113	92790	54.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.80%	
50) Toluene-d8	10.32	98	354701	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
62) 4-Bromofluorobenzene	12.62	95	131774	54.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	43763	39.600	ug/l	93
3) Chloromethane	2.21	50	69788	40.760	ug/l	96
4) Vinyl Chloride	2.36	62	82217	39.233	ug/l	99
5) Bromomethane	2.75	94	47558	44.811	ug/l	96
6) Chloroethane	2.90	64	50814	42.984	ug/l	99
7) Trichlorofluoromethane	3.25	101	45607	43.342	ug/l	94
8) Diethyl Ether	3.68	74	50567	50.628	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	78814	44.064	ug/l	95
10) Methyl Iodide	4.26	142	119520	49.387	ug/l	100
11) Tert butyl alcohol	5.17	59	40061	312.007	ug/l #	86
12) 1,1-Dichloroethene	4.04	96	78536	43.625	ug/l	98
13) Acrolein	3.89	56	28222	233.503	ug/l	93
14) Allyl chloride	4.66	41	172472	44.813	ug/l	98
15) Acrylonitrile	5.36	53	137258	277.251	ug/l	99
16) Acetone	4.12	43	121046	221.945	ug/l	100
17) Carbon Disulfide	4.38	76	201596	37.053	ug/l	98
18) Methyl Acetate	4.67	43	79412	58.788	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	170466	58.553	ug/l	97
20) Methylene Chloride	4.91	84	101729	49.340	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	90608	46.935	ug/l	98
22) Diisopropyl ether	6.31	45	357867	50.164	ug/l	97
23) Vinyl Acetate	6.25	43	1119197	254.923	ug/l	99
24) 1,1-Dichloroethane	6.21	63	191525	49.307	ug/l	98
25) 2-Butanone	7.17	43	191492	258.382	ug/l	100
26) 2,2-Dichloropropane	7.17	77	99843	45.413	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	107444	52.092	ug/l	96
28) Bromochloromethane	7.51	49	83044	49.052	ug/l	88
29) Tetrahydrofuran	7.53	42	124887	280.872	ug/l	95
30) Chloroform	7.67	83	187960	52.891	ug/l	100
31) Cyclohexane	7.95	56	148945	38.757	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	142082	50.540	ug/l	98
36) 1,1-Dichloropropene	8.08	75	138037	46.741	ug/l	98
37) Ethyl Acetate	7.25	43	86635	53.533	ug/l	98
38) Carbon Tetrachloride	8.07	117	125611	49.142	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	146849	44.262	ug/l	95
40) Benzene	8.32	78	397535	49.297	ug/l	100
41) Methacrylonitrile	7.48	41	55188	58.022	ug/l	99
42) 1,2-Dichloroethane	8.40	62	140159	55.457	ug/l	99
43) Isopropyl Acetate	8.42	43	162629	54.252	ug/l	99
44) Trichloroethene	9.09	130	101514	51.784	ug/l	91
45) 1,2-Dichloropropane	9.37	63	107437	49.504	ug/l	100
46) Dibromomethane	9.46	93	53211	55.105	ug/l	95
47) Bromodichloromethane	9.64	83	139423	54.252	ug/l	98
48) Methyl methacrylate	9.43	41	79787	55.923	ug/l	97
49) 1,4-Dioxane	9.45	88	17832	1206.287	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	428925	281.317	ug/l	99
52) Toluene	10.38	92	248873	51.373	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	142008	54.247	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	164876	52.162	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	76682	56.127	ug/l	99
56) Ethyl methacrylate	10.65	69	114960	57.815	ug/l	97
57) 1,3-Dichloropropane	10.93	76	141033	54.626	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	315209	308.876	ug/l	97
59) 2-Hexanone	10.97	43	290290	269.079	ug/l	98
60) Dibromochloromethane	11.13	129	87543	57.528	ug/l	99
61) 1,2-Dibromoethane	11.23	107	73029	57.376	ug/l	99
64) Tetrachloroethene	10.86	164	87868	53.419	ug/l	99
65) Chlorobenzene	11.66	112	260236	52.091	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	97090	55.709	ug/l	100
67) Ethyl Benzene	11.73	91	488966	50.810	ug/l	100
68) m/p-Xylenes	11.84	106	355673	102.603	ug/l	99
69) o-Xylene	12.16	106	168281	52.451	ug/l	99
70) Styrene	12.18	104	298527	53.756	ug/l	100
71) Bromoform	12.35	173	52711	60.705	ug/l	98
73) Isopropylbenzene	12.46	105	467993	48.795	ug/l	99
74) N-amyl acetate	12.27	43	148131	51.120	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	90716	51.593	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	61957m	49.701	ug/l	
77) Bromobenzene	12.74	156	111279	53.631	ug/l	91
78) n-propylbenzene	12.80	91	556155	47.500	ug/l	98
79) 2-Chlorotoluene	12.89	91	325437	48.956	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	400611	49.988	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	29746	52.318	ug/l	96
82) 4-Chlorotoluene	12.99	91	339475	48.772	ug/l	99
83) tert-Butylbenzene	13.21	119	346412	51.028	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	399461	49.620	ug/l	100
85) sec-Butylbenzene	13.38	105	471304	48.458	ug/l	100
86) p-Isopropyltoluene	13.50	119	433768	49.940	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	207195	51.053	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	205582	51.017	ug/l	99
89) n-Butylbenzene	13.82	91	407573	47.186	ug/l	99
90) Hexachloroethane	14.09	117	73752	48.397	ug/l	88
91) 1,2-Dichlorobenzene	13.87	146	188331	52.898	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	16055	54.163	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090619\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	134570	54.695	ug/l	99
94) Hexachlorobutadiene	15.24	225	87413	53.806	ug/l	98
95) Naphthalene	15.36	128	257194	52.989	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	119801	55.809	ug/l	99

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

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