

Data File : VW012682.D
Acq On : 06 Sep 2019 10:56
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
9/9/2019 4:45:07 AM

Quant Time: Sep 07 05:16:01 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	233049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	353656	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	303043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	148811	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	125415	45.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.54%	
35) Dibromofluoromethane	7.88	113	100637	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
50) Toluene-d8	10.32	98	399119	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
62) 4-Bromofluorobenzene	12.62	95	143246	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	74045	51.600	ug/l	93
3) Chloromethane	2.21	50	92497	41.606	ug/l	99
4) Vinyl Chloride	2.36	62	114089	41.928	ug/l	98
5) Bromomethane	2.78	94	64445	46.765	ug/l	96
6) Chloroethane	2.92	64	67496	43.971	ug/l	90
7) Trichlorofluoromethane	3.25	101	80126	58.643	ug/l	99
8) Diethyl Ether	3.68	74	60469	46.625	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	119665	51.525	ug/l	98
10) Methyl Iodide	4.27	142	160246	50.995	ug/l	99
11) Tert butyl alcohol	5.20	59	35120	210.652	ug/l #	88
12) 1,1-Dichloroethene	4.04	96	115700	49.495	ug/l	97
13) Acrolein	3.90	56	36979	235.629	ug/l	99
14) Allyl chloride	4.66	41	242978	48.621	ug/l	97
15) Acrylonitrile	5.36	53	144840	225.317	ug/l	99
16) Acetone	4.13	43	165009	233.008	ug/l	98
17) Carbon Disulfide	4.38	76	315858	44.710	ug/l	100
18) Methyl Acetate	4.67	43	74692	42.584	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	193217	51.112	ug/l	96
20) Methylene Chloride	4.91	84	124947	46.671	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	123021	49.077	ug/l	95
22) Diisopropyl ether	6.31	45	435045	46.965	ug/l	99
23) Vinyl Acetate	6.25	43	1330958	233.472	ug/l	99
24) 1,1-Dichloroethane	6.21	63	249613	49.490	ug/l	100
25) 2-Butanone	7.17	43	204429	212.434	ug/l	99
26) 2,2-Dichloropropane	7.16	77	154246	54.031	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	133053	49.680	ug/l	99
28) Bromochloromethane	7.51	49	99933	45.460	ug/l	93
29) Tetrahydrofuran	7.53	42	121054	209.672	ug/l	97
30) Chloroform	7.67	83	234456	50.809	ug/l	100
31) Cyclohexane	7.95	56	215386	43.163	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	195061	53.436	ug/l	99
36) 1,1-Dichloropropene	8.08	75	191755	52.469	ug/l	99
37) Ethyl Acetate	7.25	43	92498	46.187	ug/l	99
38) Carbon Tetrachloride	8.06	117	180482	57.057	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	205695	50.100	ug/l	100
40) Benzene	8.32	78	507847	50.890	ug/l	100
41) Methacrylonitrile	7.48	41	55946	47.531	ug/l	99
42) 1,2-Dichloroethane	8.40	62	169043	54.049	ug/l	99
43) Isopropyl Acetate	8.42	43	172942	46.620	ug/l	98
44) Trichloroethene	9.09	130	130700	53.877	ug/l	93
45) 1,2-Dichloropropane	9.37	63	134993	50.263	ug/l	99
46) Dibromomethane	9.46	93	59715	49.973	ug/l	96
47) Bromodichloromethane	9.64	83	168856	53.095	ug/l	96
48) Methyl methacrylate	9.43	41	83871	47.503	ug/l	98
49) 1,4-Dioxane	9.46	88	15209	831.396	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	437423	231.832	ug/l	99
52) Toluene	10.38	92	320030	53.383	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	172035	53.105	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	205268	52.478	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	86996	51.456	ug/l	98
56) Ethyl methacrylate	10.65	69	122929	49.958	ug/l	99
57) 1,3-Dichloropropane	10.93	76	161862	50.661	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	305301	241.752	ug/l	98
59) 2-Hexanone	10.97	43	313729	234.996	ug/l	100
60) Dibromochloromethane	11.13	129	101543	53.922	ug/l	99
61) 1,2-Dibromoethane	11.23	107	78808	50.034	ug/l	98
64) Tetrachloroethene	10.86	164	108024	54.982	ug/l	98
65) Chlorobenzene	11.65	112	320998	53.794	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	115685	55.572	ug/l	99
67) Ethyl Benzene	11.73	91	622017	54.113	ug/l	98
68) m/p-Xylenes	11.84	106	439478	106.140	ug/l	99
69) o-Xylene	12.16	106	208137	54.313	ug/l	100
70) Styrene	12.18	104	363524	54.804	ug/l	99
71) Bromoform	12.35	173	57046	55.002	ug/l #	99
73) Isopropylbenzene	12.46	105	601598	53.952	ug/l	99
74) N-amyl acetate	12.27	43	157705	46.812	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	97473	47.682	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	78946m	54.471	ug/l	
77) Bromobenzene	12.74	156	126898	52.604	ug/l	94
78) n-propylbenzene	12.80	91	724927	53.254	ug/l	98
79) 2-Chlorotoluene	12.89	91	408223	52.820	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	511700	54.919	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	32293	48.853	ug/l	97
82) 4-Chlorotoluene	12.99	91	428711	52.978	ug/l	100
83) tert-Butylbenzene	13.21	119	440589	55.823	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	504573	53.910	ug/l	100
85) sec-Butylbenzene	13.38	105	609382	53.891	ug/l	99
86) p-Isopropyltoluene	13.50	119	554412	54.901	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	250723	53.137	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	245538	52.409	ug/l	99
89) n-Butylbenzene	13.82	91	516121	51.395	ug/l	99
90) Hexachloroethane	14.09	117	93486	52.766	ug/l	88
91) 1,2-Dichlorobenzene	13.87	146	218390	52.761	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	17213	49.947	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	158920	55.557	ug/l	99
94) Hexachlorobutadiene	15.24	225	110734	58.627	ug/l	97
95) Naphthalene	15.36	128	265389	47.516	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	133620	53.540	ug/l	99

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

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