

Data File : VF058112.D
Acq On : 6 Jun 2018 17:41
Operator : JC/SY
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

apatel
6/7/2018 12:37:46 PM

Quant Time: Jun 07 06:54:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 05:56:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	342110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	528142	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	544945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	302506	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	208317	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
35) Dibromofluoromethane	4.30	113	201721	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
50) Toluene-d8	7.71	98	596263	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
62) 4-Bromofluorobenzene	11.51	95	285459	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	0.98	85	188501	45.625	ug/l	100
3) Chloromethane	1.08	50	151746	46.358	ug/l	100
4) Vinyl Chloride	1.15	62	137367	50.265	ug/l	100
5) Bromomethane	1.34	94	76668	49.545	ug/l	100
6) Chloroethane	1.43	64	58871	50.570	ug/l	100
7) Trichlorofluoromethane	1.49	101	224775m	54.150	ug/l	
8) Diethyl Ether	1.70	74	53110	52.537	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	1.90	101	134792	52.685	ug/l	100
10) Methyl Iodide	1.96	142	240516m	52.876	ug/l	
11) Tert butyl alcohol	2.68	59	63014	259.180	ug/l	100
12) 1,1-Dichloroethene	1.85	96	117461	52.765	ug/l	100
13) Acrolein	2.09	56	49061	310.205	ug/l	100
14) Allyl chloride	2.19	41	216471	50.862	ug/l	100
15) Acrylonitrile	3.08	53	143417	255.164	ug/l	100
16) Acetone	2.33	43	245938	264.153	ug/l	100
17) Carbon Disulfide	1.84	76	326618	51.127	ug/l	100
18) Methyl Acetate	2.44	43	79807	45.963	ug/l	100
19) Methyl tert-butyl Ether	2.53	73	350307	50.249	ug/l	100
20) Methylene Chloride	2.27	84	113318m	49.714	ug/l	
21) trans-1,2-Dichloroethene	2.41	96	122271	50.881	ug/l	100
22) Diisopropyl ether	2.92	45	416432	49.984	ug/l	100
23) Vinyl Acetate	3.33	43	1452554	237.957	ug/l	100
24) 1,1-Dichloroethane	2.99	63	254621	49.338	ug/l	100
25) 2-Butanone	4.50	43	355144	235.149	ug/l	100
26) 2,2-Dichloropropane	3.75	77	189739	52.021	ug/l	100
27) cis-1,2-Dichloroethene	3.62	96	192167	48.089	ug/l	100
28) Bromochloromethane	3.89	49	110025	48.258	ug/l	100
29) Tetrahydrofuran	4.25	42	163731	234.862	ug/l	100
30) Chloroform	4.03	83	382062	49.350	ug/l	100
31) Cyclohexane	3.86	56	228847	47.117	ug/l	100
32) 1,1,1-Trichloroethane	4.28	97	283800	51.644	ug/l	100
36) 1,1-Dichloropropene	4.45	75	272514	51.018	ug/l	100
37) Ethyl Acetate	4.29	43	153921	48.869	ug/l	100
38) Carbon Tetrachloride	4.17	117	303546m	53.489	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.63	83	282730	51.224	ug/l	100
40) Benzene	4.81	78	610506	48.817	ug/l	100
41) Methacrylonitrile	4.92	41	78632	49.298	ug/l	100
42) 1,2-Dichloroethane	5.11	62	283411	52.774	ug/l	100
43) Isopropyl Acetate	7.11	43	204359	47.857	ug/l	100
44) Trichloroethene	5.68	130	188808	48.472	ug/l	100
45) 1,2-Dichloropropane	6.39	63	176994	48.684	ug/l	100
46) Dibromomethane	6.25	93	138301	50.395	ug/l	100
47) Bromodichloromethane	6.54	83	312811	51.661	ug/l	100
48) Methyl methacrylate	6.87	41	136254	50.481	ug/l	100
49) 1,4-Dioxane	6.87	88	19514	1047.735	ug/l	100
51) 4-Methyl-2-Pentanone	8.41	43	705541	238.014	ug/l	100
52) Toluene	7.77	92	438740	49.410	ug/l	100
53) t-1,3-Dichloropropene	8.43	75	276197	47.744	ug/l	100
54) cis-1,3-Dichloropropene	7.45	75	338004	50.856	ug/l	100
55) 1,1,2-Trichloroethane	8.64	97	163011	50.494	ug/l	100
56) Ethyl methacrylate	8.76	69	195720	47.939	ug/l	100
57) 1,3-Dichloropropane	9.00	76	278607	49.569	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.77	63	68977	244.376	ug/l	100
59) 2-Hexanone	9.63	43	550913	237.344	ug/l	100
60) Dibromochloromethane	8.86	129	235535	51.310	ug/l	100
61) 1,2-Dibromoethane	9.14	107	186693	48.472	ug/l	100
64) Tetrachloroethene	8.31	164	202719	49.282	ug/l	100
65) Chlorobenzene	9.94	112	538148	48.739	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.07	131	211460	48.995	ug/l	100
67) Ethyl Benzene	10.04	91	952535	49.084	ug/l	100
68) m/p-Xylenes	10.27	106	649423	90.262	ug/l	100
69) o-Xylene	10.83	106	375611	47.932	ug/l	100
70) Styrene	10.90	104	567869	48.328	ug/l	100
71) Bromoform	10.89	173	145529	49.030	ug/l	100
73) Isopropylbenzene	11.22	105	1064618	49.557	ug/l	100
74) N-amyl acetate	11.46	43	358898	44.800	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.79	83	240997	46.833	ug/l	100
76) 1,2,3-Trichloropropane	11.89	75	176093	46.896	ug/l	100
77) Bromobenzene	11.59	156	264527	49.413	ug/l	100
78) n-propylbenzene	11.69	91	1254259	48.863	ug/l	100
79) 2-Chlorotoluene	11.82	91	727379	47.968	ug/l	100
80) 1,3,5-Trimethylbenzene	11.91	105	881504	49.497	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.95	75	112889	47.469	ug/l	100
82) 4-Chlorotoluene	11.99	91	772813	48.325	ug/l	100
83) tert-Butylbenzene	12.21	119	891563	50.055	ug/l	100
84) 1,2,4-Trimethylbenzene	12.29	105	945314	51.168	ug/l	100
85) sec-Butylbenzene	12.39	105	1188624	49.265	ug/l	100
86) p-Isopropyltoluene	12.54	119	1008707	50.150	ug/l	100
87) 1,3-Dichlorobenzene	12.56	146	480604	48.699	ug/l	100
88) 1,4-Dichlorobenzene	12.64	146	472459	49.865	ug/l	100
89) n-Butylbenzene	12.92	91	1044526	49.827	ug/l	100
90) Hexachloroethane	12.99	117	243482	50.194	ug/l	100
91) 1,2-Dichlorobenzene	13.02	146	461195	48.141	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.71	75	50338	51.287	ug/l	100

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Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.27	180	332394	49.470	ug/l	100
94) Hexachlorobutadiene	14.25	225	199977	51.552	ug/l	100
95) Naphthalene	14.53	128	709546	49.468	ug/l	100
96) 1,2,3-Trichlorobenzene	14.67	180	321827	50.838	ug/l	100

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

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