Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111318\
Data File : VF060709.D
Acq On : 13 Nov 2018 12:35
Operator : VA/AP
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
sam
11/14/2018 11:53:36 AM

Quant Time: Nov 14 02:57:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 02:40:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	234572	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.61	114	385527	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.79	117	359251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	201995	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	55028	20.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 41.14%			
35) Dibromofluoromethane	4.13	113	62009	21.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 42.80%			
50) Toluene-d8	7.57	98	198431	23.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 47.42%			
62) 4-Bromofluorobenzene	11.43	95	83653	21.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 42.74%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.96	85	92951	22.142	ug/l	96
3) Chloromethane	1.09	50	53717	20.633	ug/l	91
4) Vinyl Chloride	1.14	62	46014	19.757	ug/l	98
5) Bromomethane	1.33	94	30262	20.455	ug/l	96
6) Chloroethane	1.38	64	16691	18.317	ug/l	98
7) Trichlorofluoromethane	1.49	101	100731	19.546	ug/l	99
8) Diethyl Ether	1.63	74	12384	18.767	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	1.82	101	48685	20.060	ug/l #	90
10) Methyl Iodide	1.89	142	76725	20.553	ug/l #	84
11) Tert butyl alcohol	2.58	59	12425	102.039	ug/l	95
12) 1,1-Dichloroethene	1.79	96	37871	19.789	ug/l	91
13) Acrolein	2.01	56	12165	109.262	ug/l #	68
14) Allyl chloride	2.10	41	65480	19.531	ug/l	98
15) Acrylonitrile	2.94	53	26072	100.482	ug/l	92
16) Acetone	2.24	43	51941	90.824	ug/l	100
17) Carbon Disulfide	1.83	76	115015m	19.898	ug/l	
18) Methyl Acetate	2.35	43	18084	17.725	ug/l	94
19) Methyl tert-butyl Ether	2.44	73	92996	20.256	ug/l	99
20) Methylene Chloride	2.22	84	41426m	19.153	ug/l	
21) trans-1,2-Dichloroethene	2.31	96	38767	19.389	ug/l	95
22) Diisopropyl ether	2.81	45	131926	20.382	ug/l	100
23) Vinyl Acetate	3.20	43	309258	101.463	ug/l	100
24) 1,1-Dichloroethane	2.89	63	77215	19.704	ug/l	99
25) 2-Butanone	4.35	43	92533	98.371	ug/l	96
26) 2,2-Dichloropropane	3.61	77	62833	20.376	ug/l	95
27) cis-1,2-Dichloroethene	3.49	96	67182	19.752	ug/l	98
28) Bromochloromethane	3.73	49	40174	19.727	ug/l	98
29) Tetrahydrofuran	4.08	42	37980	97.886	ug/l	99
30) Chloroform	3.87	83	124234	19.759	ug/l	96
31) Cyclohexane	3.70	56	98235	20.655	ug/l	98
32) 1,1,1-Trichloroethane	4.11	97	105079	21.223	ug/l	98
36) 1,1-Dichloropropene	4.30	75	93862	20.993	ug/l	98
37) Ethyl Acetate	4.12	43	35439	21.319	ug/l #	93
38) Carbon Tetrachloride	4.01	117	94105	21.691	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	5.47	83	107592	20.742	ug/l		99
40) Benzene	4.64	78	205629	20.631	ug/l		98
41) Methacrylonitrile	4.76	41	19141	19.008	ug/l	#	91
42) 1,2-Dichloroethane	4.96	62	70706	20.529	ug/l		99
43) Isopropyl Acetate	6.97	43	46295	21.005	ug/l	#	98
44) Trichloroethene	5.52	130	67289	21.398	ug/l		95
45) 1,2-Dichloropropane	6.25	63	52701	20.320	ug/l		98
46) Dibromomethane	6.10	93	36226	21.160	ug/l		90
47) Bromodichloromethane	6.40	83	90982	20.811	ug/l		95
48) Methyl methacrylate	6.73	41	31145	21.352	ug/l		96
49) 1,4-Dioxane	6.72	88	6112	448.035	ug/l		92
51) 4-Methyl-2-Pentanone	8.27	43	170056	106.683	ug/l		100
52) Toluene	7.64	92	138653	20.759	ug/l		92
53) t-1,3-Dichloropropene	8.29	75	76702	21.905	ug/l		93
54) cis-1,3-Dichloropropene	7.31	75	95208	20.932	ug/l		95
55) 1,1,2-Trichloroethane	8.51	97	40672	21.313	ug/l		94
56) Ethyl methacrylate	8.64	69	49794	22.975	ug/l		99
57) 1,3-Dichloropropane	8.87	76	72835	22.023	ug/l		97
58) 2-Chloroethyl Vinyl ether	7.63	63	19202	96.989	ug/l		100
59) 2-Hexanone	9.50	43	123279	110.047	ug/l		100
60) Dibromochloromethane	8.72	129	58155	21.383	ug/l		87
61) 1,2-Dibromoethane	9.00	107	41444	20.650	ug/l		99
64) Tetrachloroethene	8.17	164	60006	21.093	ug/l		92
65) Chlorobenzene	9.81	112	153587	21.186	ug/l		94
66) 1,1,1,2-Tetrachloroethane	9.95	131	65275	20.644	ug/l		97
67) Ethyl Benzene	9.92	91	291390	21.324	ug/l		96
68) m/p-Xylenes	10.15	106	208779	42.753	ug/l		93
69) o-Xylene	10.73	106	115671	21.068	ug/l		95
70) Styrene	10.81	104	154234	20.699	ug/l		97
71) Bromoform	10.79	173	29214	20.546	ug/l		99
73) Isopropylbenzene	11.14	105	347112	21.349	ug/l		98
74) N-amyl acetate	11.38	43	80200	21.667	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.70	83	55627	20.694	ug/l		98
76) 1,2,3-Trichloropropane	11.80	75	43756	21.917	ug/l		94
77) Bromobenzene	11.51	156	70893	20.947	ug/l		96
78) n-propylbenzene	11.61	91	418635	22.077	ug/l		97
79) 2-Chlorotoluene	11.73	91	236638	21.471	ug/l		99
80) 1,3,5-Trimethylbenzene	11.84	105	252397	19.553	ug/l		97
81) trans-1,4-Dichloro-2-buten	11.88	75	21091m	22.019	ug/l		
82) 4-Chlorotoluene	11.91	91	244912	21.691	ug/l		97
83) tert-Butylbenzene	12.14	119	294984	21.523	ug/l		97
84) 1,2,4-Trimethylbenzene	12.22	105	273977	20.522	ug/l		94
85) sec-Butylbenzene	12.32	105	398493	21.433	ug/l		96
86) p-Isopropyltoluene	12.47	119	326294	21.013	ug/l		98
87) 1,3-Dichlorobenzene	12.48	146	144440	21.446	ug/l		96
88) 1,4-Dichlorobenzene	12.58	146	134662	20.803	ug/l		92
89) n-Butylbenzene	12.86	91	352083	22.218	ug/l		95
90) Hexachloroethane	12.93	117	83231	21.915	ug/l		89
91) 1,2-Dichlorobenzene	12.96	146	132164	20.841	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	13.66	75	9768	19.333	ug/l	#	54

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.21	180	98128	21.528	ug/l	97
94) Hexachlorobutadiene	14.20	225	63926	21.462	ug/l	98
95) Naphthalene	14.47	128	163696	19.682	ug/l	99
96) 1,2,3-Trichlorobenzene	14.61	180	86960	20.646	ug/l	99

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

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