Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122618\
Data File : VF061190.D
Acq On : 26 Dec 2018 16:06
Operator : VA/AP
Sample : J6447-10MSD
Misc : 3.89g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P001-SS025-1218-01MSD

Manual Integrations APPROVED
apatel
12/27/2018 4:19:02 PM

Quant Time: Dec 27 07:37:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	124227	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	209935	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	152554	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.54	152	48788	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	101507	63.53	ug/l	-0.01
Spiked Amount 50.000			Recovery = 127.06%			
35) Dibromofluoromethane	4.10	113	102001	60.65	ug/l	-0.01
Spiked Amount 50.000			Recovery = 121.30%			
50) Toluene-d8	7.54	98	222475	46.68	ug/l	-0.01
Spiked Amount 50.000			Recovery = 93.36%			
62) 4-Bromofluorobenzene	11.40	95	73037	33.24	ug/l	-0.01
Spiked Amount 50.000			Recovery = 66.48%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.96	85	149429	54.112	ug/l	96
3) Chloromethane	1.10	50	93986	59.416	ug/l	99
4) Vinyl Chloride	1.13	62	85154	58.031	ug/l	93
5) Bromomethane	1.33	94	52983	52.057	ug/l	88
6) Chloroethane	1.39	64	36856	54.509	ug/l	89
7) Trichlorofluoromethane	1.47	101	153510m	54.790	ug/l	
8) Diethyl Ether	1.62	74	24858	64.789	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	1.84	101	64782	44.594	ug/l	95
10) Methyl Iodide	1.90	142	120246m	52.511	ug/l	
11) Tert butyl alcohol	2.56	59	25225	391.227	ug/l	95
12) 1,1-Dichloroethene	1.79	96	58008	52.973	ug/l	94
13) Acrolein	2.01	56	222m	4.765	ug/l	
14) Allyl chloride	2.09	41	68023	59.691	ug/l	96
15) Acrylonitrile	2.94	53	50966	341.835	ug/l	94
16) Acetone	2.23	43	77364	242.207	ug/l	99
17) Carbon Disulfide	1.83	76	170523m	51.528	ug/l	
18) Methyl Acetate	2.33	43	154502	233.798	ug/l	94
19) Methyl tert-butyl Ether	2.42	73	158407	65.171	ug/l	97
20) Methylene Chloride	2.25	84	64848m	64.869	ug/l	
21) trans-1,2-Dichloroethene	2.29	96	61641m	52.629	ug/l	
22) Diisopropyl ether	2.79	45	238241	62.761	ug/l	96
24) 1,1-Dichloroethane	2.86	63	130268	57.920	ug/l	99
25) 2-Butanone	4.32	43	156653	302.404	ug/l	100
26) 2,2-Dichloropropane	3.58	77	74037	57.361	ug/l	88
27) cis-1,2-Dichloroethene	3.46	96	95580	53.306	ug/l	97
28) Bromochloromethane	3.70	49	77890	68.253	ug/l #	82
29) Tetrahydrofuran	4.06	42	75480	357.993	ug/l	96
30) Chloroform	3.84	83	191555	56.801	ug/l	98
31) Cyclohexane	3.68	56	90670m	38.850	ug/l	
32) 1,1,1-Trichloroethane	4.08	97	104512	51.704	ug/l	96
36) 1,1-Dichloropropene	4.26	75	120871	47.699	ug/l	96
37) Ethyl Acetate	4.07	43	31420	29.728	ug/l #	1
38) Carbon Tetrachloride	3.97	117	91567	47.449	ug/l	99
39) Methylcyclohexane	5.43	83	64855	28.528	ug/l	90

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Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
40) Benzene	4.61	78	288613	52.961 ug/l	98
41) Methacrylonitrile	4.73	41	33861	63.272 ug/l	91
42) 1,2-Dichloroethane	4.93	62	132137	63.829 ug/l	94
43) Isopropyl Acetate	6.94	43	12268	10.026 ug/l	95
44) Trichloroethene	5.48	130	86734	50.483 ug/l	94
45) 1,2-Dichloropropane	6.22	63	85738	57.828 ug/l	98
46) Dibromomethane	6.07	93	60264	62.670 ug/l	97
47) Bromodichloromethane	6.37	83	138614	55.478 ug/l	98
48) Methyl methacrylate	6.70	41	75030	87.838 ug/l	95
49) 1,4-Dioxane	6.69	88	10459	1687.497 ug/l #	82
51) 4-Methyl-2-Pentanone	8.24	43	298443	355.648 ug/l	99
52) Toluene	7.61	92	164001	45.464 ug/l	97
53) t-1,3-Dichloropropene	8.26	75	107396	53.283 ug/l	96
54) cis-1,3-Dichloropropene	7.29	75	134906	53.329 ug/l	98
55) 1,1,2-Trichloroethane	8.47	97	61728	57.081 ug/l	91
56) Ethyl methacrylate	8.61	69	11469	9.801 ug/l #	74
57) 1,3-Dichloropropane	8.83	76	112947	57.748 ug/l	97
58) 2-Chloroethyl Vinyl ether	7.28	63	62948	280.093 ug/l #	90
59) 2-Hexanone	9.48	43	197832	325.995 ug/l	99
60) Dibromochloromethane	8.70	129	85123	54.912 ug/l	92
61) 1,2-Dibromoethane	8.97	107	68362	59.191 ug/l	98
64) Tetrachloroethene	8.13	164	56228	47.914 ug/l	95
65) Chlorobenzene	9.78	112	166940	52.971 ug/l	91
66) 1,1,1,2-Tetrachloroethane	9.91	131	77105	59.868 ug/l	94
67) Ethyl Benzene	9.88	91	286127	49.834 ug/l	100
68) m/p-Xylenes	10.12	106	192220	95.131 ug/l	99
69) o-Xylene	10.70	106	111301	49.666 ug/l	99
70) Styrene	10.78	104	133818	48.897 ug/l	99
71) Bromoform	10.76	173	38442	64.516 ug/l	100
73) Isopropylbenzene	11.11	105	277618	66.032 ug/l	96
74) N-amyl acetate	11.36	43	3910	4.189 ug/l #	95
75) 1,1,2,2-Tetrachloroethane	11.69	83	79574	114.039 ug/l	99
76) 1,2,3-Trichloropropane	11.78	75	59713	114.991 ug/l	100
77) Bromobenzene	11.49	156	60547	66.899 ug/l	84
78) n-propylbenzene	11.59	91	281351	60.865 ug/l	99
79) 2-Chlorotoluene	11.70	91	166184	57.619 ug/l	95
80) 1,3,5-Trimethylbenzene	11.81	105	188211	54.366 ug/l	97
81) trans-1,4-Dichloro-2-buten	11.86	75	20808m	93.250 ug/l	
82) 4-Chlorotoluene	11.88	91	163178	54.692 ug/l	93
83) tert-Butylbenzene	12.12	119	209626	58.844 ug/l	98
84) 1,2,4-Trimethylbenzene	12.19	105	190408	55.154 ug/l	94
85) sec-Butylbenzene	12.30	105	214829	46.210 ug/l	99
86) p-Isopropyltoluene	12.44	119	178640	46.293 ug/l	98
87) 1,3-Dichlorobenzene	12.46	146	79178	54.042 ug/l	98
88) 1,4-Dichlorobenzene	12.55	146	83720	50.376 ug/l	98
89) n-Butylbenzene	12.83	91	142495	34.032 ug/l	92
90) Hexachloroethane	12.91	117	45879	48.122 ug/l	82
91) 1,2-Dichlorobenzene	12.93	146	80218	49.579 ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.63	75	12468	97.372 ug/l	85
93) 1,2,4-Trichlorobenzene	14.19	180	29282	25.519 ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.18	225	14493	19.831	ug/l	95
95) Naphthalene	14.45	128	81590	38.939	ug/l	98
96) 1,2,3-Trichlorobenzene	14.60	180	24528	23.123	ug/l	98

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

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