Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013864.D
Acq On : 27 Jan 2018 03:12
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02047

Manual Integrations APPROVED
Sohil
1/29/2018 7:21:04 PM

Quant Time: Jan 27 04:10:49 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 26 23:46:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	109930	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	403335	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	239033	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	592173	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	698689	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	691657	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	17891m	6.43	ng/uL	0.00
5) Phenol-d5	6.77	99	151239	17.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	88931	17.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	130580	18.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	117907	18.17	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	64089	20.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	67388	20.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	132165	20.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	141133	25.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	398723	20.24	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	518968	20.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	56314	17.59	ng/ul	0.00
57) Fluorene-d10	15.23	176	362385	20.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	68802	19.30	ng/ul	0.00
70) Anthracene-d10	17.09	188	587796	20.38	ng/ul	0.00
76) Pyrene-d10	19.39	212	674532	20.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	655171	20.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	21691	7.119	ng/uL#	59
4) Benzaldehyde	6.75	77	118009	20.206	ng/ul	92
6) Phenol	6.80	94	149621	17.676	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.02	93	119860	18.096	ng/ul	99
10) 2-Chlorophenol	7.15	128	126382	18.440	ng/ul	97
11) 2-Methylphenol	8.03	108	111210	17.823	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.12	45	107957	16.018	ng/ul#	81
14) Acetophenone	8.41	105	194095	18.079	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.39	70	94816	18.103	ng/ul#	71
16) 4-Methylphenol	8.36	108	123970	18.582	ng/ul	97
17) Hexachloroethane	8.65	117	63930	19.163	ng/ul	82
20) Nitrobenzene	8.78	77	156068	19.304	ng/ul	99
21) Isophorone	9.30	82	242774	18.585	ng/ul#	94
23) 2-Nitrophenol	9.49	139	70454	20.442	ng/ul#	90
24) 2,4-Dimethylphenol	9.56	107	149449	20.568	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.79	93	151420	19.014	ng/ul	94
27) 2,4-Dichlorophenol	10.02	162	126920	20.615	ng/ul	89
28) Naphthalene	10.41	128	399072	19.888	ng/ul	98
30) 4-Chloroaniline	10.54	127	144049	26.209	ng/ul	93
31) Hexachlorobutadiene	10.69	225	108585	21.486	ng/ul	92
32) Caprolactam	11.32	113	31566m	18.430	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	124279	19.912	ng/ul	94
34) 2-Methylnaphthalene	12.03	142	306462	20.485	ng/ul	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	190019	21.454	ng/ul#	98
37) Hexachlorocyclopentadiene	12.37	237	59185	16.096	ng/ul	98
38) 2,4,6-Trichlorophenol	12.66	196	111483	21.745	ng/ul	93
39) 2,4,5-Trichlorophenol	12.74	196	113672	21.308	ng/ul	98
40) 1,1'-Biphenyl	13.06	154	404804	20.345	ng/ul	98
41) 2-Chloronaphthalene	13.10	162	321097	20.644	ng/ul	98
42) 2-Nitroaniline	13.33	65	85786	19.995	ng/ul	95
44) Dimethylphthalate	13.70	163	391738	20.224	ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	79913	21.289	ng/ul	94
47) Acenaphthylene	13.96	152	472215	20.544	ng/ul	98
48) 3-Nitroaniline	14.17	138	66552	22.545	ng/ul	93
49) Acenaphthene	14.30	153	327579	20.577	ng/ul	99
50) 2,4-Dinitrophenol	14.39	184	33042	15.356	ng/ul	96
52) 4-Nitrophenol	14.49	109	63935	19.658	ng/ul#	78
53) Dibenzofuran	14.64	168	494656	20.655	ng/ul	99
54) 2,4-Dinitrotoluene	14.63	165	116926	21.369	ng/ul	85
55) 2,3,4,6-Tetrachlorophenol	14.87	232	108153	21.554	ng/ul#	89
56) Diethylphthalate	15.07	149	405367	20.795	ng/ul	97
58) Fluorene	15.29	166	403262	20.556	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.29	204	222079	20.950	ng/ul	96
60) 4-Nitroaniline	15.33	138	69235	20.045	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.40	198	66978	17.802	ng/ul#	92
64) N-Nitrosodiphenylamine	15.51	169	354526	20.356	ng/ul	95
65) 4-Bromophenyl-phenylether	16.19	248	144966	20.727	ng/ul	94
66) Hexachlorobenzene	16.30	284	153455	20.383	ng/ul#	94
67) Atrazine	16.47	200	142868	20.553	ng/ul	94
68) Pentachlorophenol	16.65	266	74176	18.541	ng/ul	96
69) Phenanthrene	17.03	178	669524	20.340	ng/ul	99
71) Anthracene	17.13	178	683814	20.141	ng/ul	99
72) Carbazole	17.40	167	566695	20.221	ng/ul	98
73) Di-n-butylphthalate	17.97	149	678131	20.574	ng/ul	99
74) Fluoranthene	19.06	202	812149	20.670	ng/ul#	95
77) Pyrene	19.42	202	871099	20.508	ng/ul#	96
78) Butylbenzylphthalate	20.33	149	309481	20.684	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.12	252	258506	22.365	ng/ul#	96
80) Benzo(a)anthracene	21.17	228	881230	20.873	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.12	149	461778	20.570	ng/ul	98
82) Chrysene	21.23	228	784494	20.255	ng/ul	99
84) Di-n-octyl phthalate	21.98	149	760859	18.254	ng/ul	98
85) Benzo(b)fluoranthene	22.73	252	901771	21.230	ng/ul#	97
86) Benzo(k)fluoranthene	22.77	252	815614	19.866	ng/ul#	98
88) Benzo(a)pyrene	23.29	252	815743	20.329	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.57	276	953744	20.135	ng/ul#	97
90) Dibenzo(a,h)anthracene	25.57	278	820843	20.521	ng/ul#	97
91) Benzo(g,h,i)perylene	26.24	276	794452	20.379	ng/ul#	96

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

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