Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020618\
Data File : BM014152.D
Acq On : 06 Feb 2018 18:37
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02031

Manual Integrations APPROVED
Sohil
2/7/2018 4:13:16 PM

Quant Time: Feb 07 09:57:01 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 03 04:17:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	37506	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	173283	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	148974	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	453368	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	737200	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	866003	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	5797	7.09	ng/uL	0.00
5) Phenol-d5	6.74	99	56984	20.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	34957	20.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	45056	20.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	49950	21.16	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	24405	19.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	28639	20.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	59962	20.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	57857	22.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	244221	19.75	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	286443	19.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	28041	16.46	ng/ul	0.00
57) Fluorene-d10	15.20	176	229480	20.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	52686	18.92	ng/ul	0.00
70) Anthracene-d10	17.06	188	437615m	19.88	ng/ul	0.00
76) Pyrene-d10	19.36	212	593592	16.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	808356	19.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	4891	5.449	ng/uL	86
4) Benzaldehyde	6.72	77	24900	18.416	ng/ul	98
6) Phenol	6.77	94	57317	20.324	ng/ul#	93
8) Bis(2-Chloroethyl)ether	6.99	93	42082	19.194	ng/ul	94
10) 2-Chlorophenol	7.12	128	46582	20.680	ng/ul	93
11) 2-Methylphenol	8.00	108	45376	20.894	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.08	45	43573m	19.786	ng/ul	
14) Acetophenone	8.37	105	84756	21.270	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.35	70	46286	22.710	ng/ul#	75
16) 4-Methylphenol	8.33	108	50510	21.766	ng/ul	92
17) Hexachloroethane	8.60	117	24170	20.572	ng/ul#	71
20) Nitrobenzene	8.75	77	71191	20.253	ng/ul	95
21) Isophorone	9.27	82	130837	22.110	ng/ul	96
23) 2-Nitrophenol	9.45	139	29564	20.772	ng/ul	91
24) 2,4-Dimethylphenol	9.52	107	67245	20.952	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.75	93	62923	19.304	ng/ul	97
27) 2,4-Dichlorophenol	9.99	162	58486	21.612	ng/ul	94
28) Naphthalene	10.37	128	172747	19.802	ng/ul	98
30) 4-Chloroaniline	10.50	127	61245	24.210	ng/ul	94
31) Hexachlorobutadiene	10.65	225	51136	20.959	ng/ul	98
32) Caprolactam	11.27	113	19477m	26.214	ng/ul	
33) 4-Chloro-3-methylphenol	11.64	107	64798	22.858	ng/ul	96
34) 2-Methylnaphthalene	11.99	142	137283	20.844	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	94300	17.336 ng/ul	97
37) Hexachlorocyclopentadiene	12.33	237	65023	21.951 ng/ul	99
38) 2,4,6-Trichlorophenol	12.63	196	58317	18.432 ng/ul	99
39) 2,4,5-Trichlorophenol	12.71	196	60675	18.643 ng/ul	95
40) 1,1'-Biphenyl	13.03	154	208915	18.053 ng/ul	94
41) 2-Chloronaphthalene	13.07	162	169066	18.084 ng/ul	95
42) 2-Nitroaniline	13.30	65	54298	20.445 ng/ul	84
44) Dimethylphthalate	13.67	163	246422	20.675 ng/ul	100
45) 2,6-Dinitrotoluene	13.80	165	48361	20.891 ng/ul#	87
47) Acenaphthylene	13.92	152	267816	19.231 ng/ul	98
48) 3-Nitroaniline	14.14	138	32431	18.643 ng/ul	88
49) Acenaphthene	14.27	153	192031	19.667 ng/ul	97
50) 2,4-Dinitrophenol	14.37	184	22526	18.139 ng/ul#	81
52) 4-Nitrophenol	14.47	109	43858	21.359 ng/ul#	49
53) Dibenzofuran	14.61	168	298860	20.100 ng/ul	96
54) 2,4-Dinitrotoluene	14.60	165	81081	23.148 ng/ul#	48
55) 2,3,4,6-Tetrachlorophenol	14.84	232	72866	22.209 ng/ul#	95
56) Diethylphthalate	15.04	149	274002	21.915 ng/ul	99
58) Fluorene	15.26	166	264566	21.338 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.26	204	147122	20.722 ng/ul	93
60) 4-Nitroaniline	15.31	138	36652	18.747 ng/ul#	70
63) 4,6-Dinitro-2-methylphenol	15.37	198	52044	18.447 ng/ul#	97
64) N-Nitrosodiphenylamine	15.48	169	233829	17.876 ng/ul	96
65) 4-Bromophenyl-phenylether	16.16	248	99083	17.486 ng/ul	95
66) Hexachlorobenzene	16.26	284	111964	18.570 ng/ul#	93
67) Atrazine	16.44	200	106258	20.225 ng/ul	96
68) Pentachlorophenol	16.62	266	55947	18.846 ng/ul	98
69) Phenanthrene	17.00	178	492602	19.325 ng/ul	99
71) Anthracene	17.09	178	514115	19.907 ng/ul	98
72) Carbazole	17.38	167	430687	20.447 ng/ul	99
73) Di-n-butylphthalate	17.94	149	528049	19.984 ng/ul	100
74) Fluoranthene	19.03	202	697152	21.982 ng/ul#	97
77) Pyrene	19.39	202	751242	17.077 ng/ul#	97
78) Butylbenzylphthalate	20.31	149	294610	16.989 ng/ul	99
79) 3,3'-Dichlorobenzidine	21.09	252	248818	21.659 ng/ul	96
80) Benzo(a)anthracene	21.15	228	898540	19.567 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.09	149	451627	17.862 ng/ul#	99
82) Chrysene	21.20	228	856615	19.845 ng/ul	99
84) Di-n-octyl phthalate	21.95	149	848054	15.384 ng/ul	100
85) Benzo(b)fluoranthene	22.69	252	1032497	18.893 ng/ul#	96
86) Benzo(k)fluoranthene	22.74	252	976695	18.180 ng/ul#	99
88) Benzo(a)pyrene	23.25	252	996252	19.345 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.51	276	1267592	22.461 ng/ul	96
90) Dibenzo(a,h)anthracene	25.51	278	1059900	22.148 ng/ul#	98
91) Benzo(g,h,i)perylene	26.17	276	1054832	22.608 ng/ul	99

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

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