Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012265.D
Acq On : 18 Oct 2017 01:11
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02015

Manual Integrations APPROVED
Sohil
10/18/2017 7:33:44 PM

Quant Time: Oct 18 08:03:11 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 18 02:19:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	141102	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	483173	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	328814	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1011032	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1072882	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	1011456	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	14710	4.95	ng/uL	0.00
5) Phenol-d5	6.96	99	218474	19.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	122392	17.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	178013	18.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	193151	19.60	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	70525	19.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	85396	19.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	175439	21.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	196475	25.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	580421	19.97	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	692817	19.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	79108	18.11	ng/ul	0.00
57) Fluorene-d10	15.43	176	494289	20.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	102264	14.74	ng/ul	0.00
70) Anthracene-d10	17.29	188	980411	19.61	ng/ul	0.00
76) Pyrene-d10	19.59	212	1004932	18.45	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	972100	19.94	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	15396	5.082	ng/uL	96
4) Benzaldehyde	6.93	77	144916	18.943	ng/ul	96
6) Phenol	6.99	94	219648	18.559	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.21	93	161214	17.875	ng/ul	94
10) 2-Chlorophenol	7.35	128	183716	18.537	ng/ul	95
11) 2-Methylphenol	8.23	108	178438	20.046	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.32	45	203804	17.796	ng/ul	94
14) Acetophenone	8.62	105	252819	16.877	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.60	70	133765	16.661	ng/ul	99
16) 4-Methylphenol	8.57	108	178477	18.195	ng/ul	97
17) Hexachloroethane	8.86	117	58049	13.880	ng/ul	97
20) Nitrobenzene	9.00	77	162994	17.792	ng/ul	97
21) Isophorone	9.52	82	306994	17.937	ng/ul	98
23) 2-Nitrophenol	9.71	139	88554	19.166	ng/ul	95
24) 2,4-Dimethylphenol	9.77	107	181329	19.474	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.00	93	185913	18.525	ng/ul	99
27) 2,4-Dichlorophenol	10.25	162	172414	21.278	ng/ul	97
28) Naphthalene	10.63	128	484870	19.396	ng/ul	98
30) 4-Chloroaniline	10.76	127	194101	25.639	ng/ul	98
31) Hexachlorobutadiene	10.90	225	126085	20.995	ng/ul	97
32) Caprolactam	11.55	113	54015m	21.116	ng/ul	
33) 4-Chloro-3-methylphenol	11.89	107	176084	20.741	ng/ul	100
34) 2-Methylnaphthalene	12.26	142	383374	20.323	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	248369	20.808 ng/ul	99
37) Hexachlorocyclopentadiene	12.59	237	140036	26.323 ng/ul	99
38) 2,4,6-Trichlorophenol	12.87	196	162385	20.519 ng/ul	100
39) 2,4,5-Trichlorophenol	12.96	196	173072	21.250 ng/ul	100
40) 1,1'-Biphenyl	13.27	154	529679	19.087 ng/ul	99
41) 2-Chloronaphthalene	13.32	162	423147	19.433 ng/ul	97
42) 2-Nitroaniline	13.53	65	106955	17.653 ng/ul	99
44) Dimethylphthalate	13.90	163	578477	19.868 ng/ul	99
45) 2,6-Dinitrotoluene	14.03	165	119947	20.755 ng/ul	99
47) Acenaphthylene	14.16	152	671777	19.447 ng/ul	99
48) 3-Nitroaniline	14.37	138	103703	23.064 ng/ul	95
49) Acenaphthene	14.50	153	455076	19.558 ng/ul	99
50) 2,4-Dinitrophenol	14.59	184	74157	22.596 ng/ul	93
52) 4-Nitrophenol	14.69	109	67063	17.080 ng/ul	97
53) Dibenzofuran	14.84	168	673466	20.101 ng/ul	98
54) 2,4-Dinitrotoluene	14.83	165	182745	21.817 ng/ul#	96
55) 2,3,4,6-Tetrachlorophenol	15.07	232	163603	21.950 ng/ul	98
56) Diethylphthalate	15.26	149	587782	18.676 ng/ul	99
58) Fluorene	15.49	166	572531	20.576 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.48	204	316336	21.641 ng/ul	98
60) 4-Nitroaniline	15.53	138	105315	18.969 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.60	198	107695	14.702 ng/ul	98
64) N-Nitrosodiphenylamine	15.70	169	501951	15.861 ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	244233	20.180 ng/ul	95
66) Hexachlorobenzene	16.50	284	267595	19.517 ng/ul	98
67) Atrazine	16.65	200	264261	19.971 ng/ul	98
68) Pentachlorophenol	16.85	266	130240	17.032 ng/ul	96
69) Phenanthrene	17.23	178	1143917	19.889 ng/ul	99
71) Anthracene	17.32	178	1155273	19.402 ng/ul	100
72) Carbazole	17.60	167	1035668	20.552 ng/ul	99
73) Di-n-butylphthalate	18.14	149	1300138	18.583 ng/ul	100
74) Fluoranthene	19.25	202	1221311	17.596 ng/ul	100
77) Pyrene	19.62	202	1269146	17.912 ng/ul	99
78) Butylbenzylphthalate	20.50	149	515432	16.342 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.29	252	421864	19.757 ng/ul	100
80) Benzo(a)anthracene	21.36	228	1354154	19.397 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.26	149	768586	16.240 ng/ul	99
82) Chrysene	21.41	228	1235130	18.844 ng/ul	99
84) Di-n-octyl phthalate	22.15	149	1364954	18.458 ng/ul	99
85) Benzo(b)fluoranthene	22.97	252	1313978	19.907 ng/ul	99
86) Benzo(k)fluoranthene	23.02	252	1285252	20.206 ng/ul	99
88) Benzo(a)pyrene	23.57	252	1226340	19.712 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.02	276	1176453	17.808 ng/ul	98
90) Dibenzo(a,h)anthracene	26.02	278	971464	17.492 ng/ul	98
91) Benzo(g,h,i)perylene	26.74	276	945459	17.473 ng/ul	99

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

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