Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102417\
Data File : BM012413.D
Acq On : 24 Oct 2017 12:07
Operator : SJ/JU
Sample : SSTD08053
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD08053

Manual Integrations APPROVED
Sohil
10/25/2017 3:35:39 PM

Quant Time: Oct 24 13:54:47 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 24 13:35:32 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	354104	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	1539530	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	1027397	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	2603459	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	3267699	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	3308365	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	213306	28.63	ng/uL	0.00
5) Phenol-d5	7.05	99	2445197	85.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	1399738	81.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	1868015	76.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	2087415	84.39	ng/ul	0.01
19) Nitrobenzene-d5	9.04	128	865807	73.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	938059	68.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	2258814	86.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	2160928	88.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	7237575	79.71	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	8763533	79.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	1214310	88.95	ng/ul	0.02
57) Fluorene-d10	15.51	176	6210086	83.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	1166765	65.30	ng/ul	0.01
70) Anthracene-d10	17.36	188	10135625	78.73	ng/ul	0.00
76) Pyrene-d10	19.64	212	11863287	71.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	13224029	82.91	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	227017	29.858	ng/uL	95
4) Benzaldehyde	7.03	77	1180973	61.514	ng/ul	95
6) Phenol	7.08	94	2543858	85.650	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.31	93	1810999	80.013	ng/ul	94
10) 2-Chlorophenol	7.45	128	1916675	77.061	ng/ul#	90
11) 2-Methylphenol	8.32	108	1910165	85.511	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.42	45	1991366	69.291	ng/ul	99
14) Acetophenone	8.71	105	3242650	86.256	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.71	70	1752048	86.960	ng/ul	97
16) 4-Methylphenol	8.66	108	2062823	83.800	ng/ul	99
17) Hexachloroethane	8.96	117	777059	74.040	ng/ul	90
20) Nitrobenzene	9.09	77	2444005	83.727	ng/ul	95
21) Isophorone	9.62	82	4751666	87.131	ng/ul	95
23) 2-Nitrophenol	9.79	139	1057210	71.814	ng/ul	93
24) 2,4-Dimethylphenol	9.86	107	2540135	85.617	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.09	93	2649667	82.861	ng/ul	98
27) 2,4-Dichlorophenol	10.33	162	2172511	84.146	ng/ul	94
28) Naphthalene	10.73	128	6161379	77.354	ng/ul	98
30) 4-Chloroaniline	10.83	127	2195250	91.008	ng/ul	98
31) Hexachlorobutadiene	11.02	225	1595412	83.375	ng/ul	99
32) Caprolactam	11.62	113	710084m	87.119	ng/ul	
33) 4-Chloro-3-methylphenol	11.96	107	2393734	88.492	ng/ul	95
34) 2-Methylnaphthalene	12.34	142	4975043	82.770	ng/ul	97

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36) 1,2,4,5-Tetrachlorobenzene	12.71	216	3032180	81.301	ng/ul	99
37) Hexachlorocyclopentadiene	12.69	237	1989023	119.660	ng/ul	100
38) 2,4,6-Trichlorophenol	12.95	196	1939266	78.425	ng/ul	99
39) 2,4,5-Trichlorophenol	13.02	196	2022693	79.484	ng/ul	99
40) 1,1'-Biphenyl	13.35	154	6687521	77.126	ng/ul	99
41) 2-Chloronaphthalene	13.39	162	5304202	77.962	ng/ul	99
42) 2-Nitroaniline	13.59	65	1546321	81.685	ng/ul	87
44) Dimethylphthalate	13.98	163	7198752	79.130	ng/ul	100
45) 2,6-Dinitrotoluene	14.09	165	1420102	78.643	ng/ul	92
47) Acenaphthylene	14.24	152	8345671	77.321	ng/ul	98
48) 3-Nitroaniline	14.42	138	1163537	82.818	ng/ul#	81
49) Acenaphthene	14.58	153	5714110	78.596	ng/ul	99
50) 2,4-Dinitrophenol	14.62	184	731701	71.356	ng/ul	96
52) 4-Nitrophenol	14.73	109	1216919	99.192	ng/ul	95
53) Dibenzofuran	14.92	168	8316429	79.442	ng/ul	99
54) 2,4-Dinitrotoluene	14.87	165	2135245	81.586	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.14	232	1962185	84.256	ng/ul	96
56) Diethylphthalate	15.34	149	7417660	75.431	ng/ul	99
58) Fluorene	15.56	166	7210519	82.934	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.56	204	3963460	86.780	ng/ul	98
60) 4-Nitroaniline	15.59	138	1448358	83.491	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.64	198	1282835	68.010	ng/ul#	94
64) N-Nitrosodiphenylamine	15.77	169	6233482	76.494	ng/ul	100
65) 4-Bromophenyl-phenylether	16.45	248	2601623	83.481	ng/ul	98
66) Hexachlorobenzene	16.56	284	2841008	80.469	ng/ul	100
67) Atrazine	16.73	200	2675453	78.519	ng/ul	99
68) Pentachlorophenol	16.90	266	1661752	84.392	ng/ul	96
69) Phenanthrene	17.30	178	11491388	77.590	ng/ul	97
71) Anthracene	17.39	178	11791373	76.904	ng/ul	97
72) Carbazole	17.66	167	10406007	80.192	ng/ul	100
73) Di-n-butylphthalate	18.23	149	11955964	66.363	ng/ul#	92
74) Fluoranthene	19.30	202	13110961	73.355	ng/ul#	91
77) Pyrene	19.67	202	13034114	60.398	ng/ul#	85
78) Butylbenzylphthalate	20.57	149	6270780	65.277	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.34	252	5925272	91.112	ng/ul	100
80) Benzo(a)anthracene	21.40	228	13862431	65.196	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.35	149	9295679	64.487	ng/ul	94
82) Chrysene	21.46	228	12388762m	62.059	ng/ul	
84) Di-n-octyl phthalate	22.24	149	13324344	55.088	ng/ul#	95
85) Benzo(b)fluoranthene	23.04	252	16527349	76.552	ng/ul	97
86) Benzo(k)fluoranthene	23.09	252	15420782m	74.118	ng/ul	
88) Benzo(a)pyrene	23.64	252	16053473	78.891	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	26.10	276	18415835	85.223	ng/ul	98
90) Dibenzo(a,h)anthracene	26.11	278	15685905	86.351	ng/ul	100
91) Benzo(g,h,i)perylene	26.81	276	14520242	82.042	ng/ul	100

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

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