Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032818\
Data File : BM014663.D
Acq On : 28 Mar 2018 12:12
Operator : SJ/JU
Sample : SSTD08065
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD08065

Manual Integrations APPROVED
Sohil
3/29/2018 5:40:53 PM

Quant Time: Mar 28 15:20:01 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 28 14:52:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.58	152	384357	20.00	ng/ul	0.00
18) Naphthalene-d8	11.43	136	1589097	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.19	164	802345	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.90	188	1515152	20.00	ng/ul	0.00
77) Chrysene-d12	21.99	240	1370700	20.00	ng/ul	0.00
85) Perylene-d12	24.50	264	1331566	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.69	96	249250	28.56	ng/uL	0.00
5) Phenol-d5	7.70	99	2475159	59.53	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.89	67	1528209	56.43	ng/ul	0.00
9) 2-Chlorophenol-d4	8.10	132	2065921	81.31	ng/ul	0.00
13) 4-Methylphenol-d8	9.29	113	1964939	59.24	ng/ul	0.01
19) Nitrobenzene-d5	9.77	128	926729	81.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.50	143	932040	74.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.04	165	1934983	71.92	ng/ul	0.00
29) 4-Chloroaniline-d4	11.56	131	2072412	64.59	ng/ul	0.00
43) Dimethylphthalate-d6	14.58	166	4712225	77.33	ng/ul	0.00
46) Acenaphthylene-d8	14.89	160	6288082	89.73	ng/ul	0.00
51) 4-Nitrophenol-d4	15.34	143	812502	67.16	ng/ul	0.01
57) Fluorene-d10	16.16	176	4039146	74.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.26	200	589666	65.05	ng/ul	0.01
70) Anthracene-d10	18.00	188	5602085	78.12	ng/ul	0.00
78) Pyrene-d10	20.23	212	5458216	98.66	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.35	264	5402896	88.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.73	88	268146	28.961	ng/uL	94
4) Benzaldehyde	7.70	77	1335067	47.911	ng/ul	94
6) Phenol	7.73	94	2400770	54.069	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.99	93	1897520	59.663	ng/ul#	87
10) 2-Chlorophenol	8.14	128	2007524	76.606	ng/ul#	92
11) 2-Methylphenol	9.02	108	1806914	56.173	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.12	45	3431615	64.768	ng/ul#	82
14) Acetophenone	9.42	105	2826350	50.724	ng/ul#	89
15) N-Nitroso-di-n-propylamine	9.42	70	1473146	43.125	ng/ul#	76
16) 4-Methylphenol	9.36	108	1907015	52.291	ng/ul	98
17) Hexachloroethane	9.70	117	814577	70.996	ng/ul	97
20) Nitrobenzene	9.82	77	2155031	56.946	ng/ul	95
21) Isophorone	10.35	82	3862744	51.606	ng/ul	99
23) 2-Nitrophenol	10.53	139	1023841	74.661	ng/ul	91
24) 2,4-Dimethylphenol	10.57	107	2118548	60.206	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.82	93	2411938	58.773	ng/ul	99
27) 2,4-Dichlorophenol	11.07	162	1784761	67.010	ng/ul	99
28) Naphthalene	11.49	128	5983981	73.431	ng/ul	100
30) 4-Chloroaniline	11.58	127	1976842	58.135	ng/ul	99
31) Hexachlorobutadiene	11.76	225	1196144	65.150	ng/ul	99
32) Caprolactam	12.34	113	478864m	43.047	ng/ul	
33) 4-Chloro-3-methylphenol	12.66	107	1781078	50.955	ng/ul	97
34) 2-Methylnaphthalene	13.06	142	4153271	64.014	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.41	216	2146942	88.968	ng/ul	99
37) Hexachlorocyclopentadiene	13.39	237	1549407	113.561	ng/ul	99
38) 2,4,6-Trichlorophenol	13.63	196	1320123	86.279	ng/ul	100
39) 2,4,5-Trichlorophenol	13.70	196	1370195	78.172	ng/ul	100
40) 1,1'-Biphenyl	14.03	154	5109456	90.895	ng/ul	98
41) 2-Chloronaphthalene	14.08	162	3970773	91.278	ng/ul	97
42) 2-Nitroaniline	14.27	65	1074918	60.156	ng/ul	86
44) Dimethylphthalate	14.63	163	4498069	73.598	ng/ul	100
45) 2,6-Dinitrotoluene	14.75	165	911664	77.530	ng/ul	98
47) Acenaphthylene	14.92	152	5894584	84.023	ng/ul	99
48) 3-Nitroaniline	15.07	138	783334	62.553	ng/ul	96
49) Acenaphthene	15.25	153	4114071	83.359	ng/ul	99
50) 2,4-Dinitrophenol	15.27	184	365856	47.461	ng/ul#	25
52) 4-Nitrophenol	15.35	109	597815	42.305	ng/ul#	83
53) Dibenzofuran	15.58	168	5532170	76.056	ng/ul	96
54) 2,4-Dinitrotoluene	15.52	165	1247075	68.841	ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	15.79	232	1115982	66.336	ng/ul	94
56) Diethylphthalate	15.97	149	4424042	69.127	ng/ul	100
58) Fluorene	16.22	166	4412709	70.304	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.20	204	2310193	71.625	ng/ul	92
60) 4-Nitroaniline	16.22	138	836423	58.837	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	16.27	198	625049	65.657	ng/ul	99
64) N-Nitrosodiphenylamine	16.40	169	3695121	86.783	ng/ul	100
65) 4-Bromophenyl-phenylether	17.09	248	1423065	86.939	ng/ul#	88
66) Hexachlorobenzene	17.20	284	1547800	84.999	ng/ul#	89
67) Atrazine	17.33	200	1259902	70.771	ng/ul	97
68) Pentachlorophenol	17.53	266	841888	70.379	ng/ul	99
69) Phenanthrene	17.94	178	6333010	75.107	ng/ul	99
71) Anthracene	18.03	178	6434014	74.819	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	14.00	216	2132042	119.774	ng/uL	100
73) Pentachlorobenzene	15.49	250	1938770	101.437	ng/uL	100
74) Carbazole	18.29	167	5421004	67.535	ng/ul	99
75) Di-n-butylphthalate	18.82	149	6656588	71.959	ng/ul	100
76) Fluoranthene	19.90	202	6682745	62.878	ng/ul	98
79) Pyrene	20.26	202	6649530	93.376	ng/ul	99
80) Butylbenzylphthalate	21.10	149	2690263	94.001	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.88	252	2042051	78.652	ng/ul	99
82) Benzo(a)anthracene	21.97	228	6297887	80.380	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.86	149	3881680	87.129	ng/ul#	98
84) Chrysene	22.03	228	5851749	79.190	ng/ul	99
86) Di-n-octyl phthalate	22.83	149	6386934	89.191	ng/ul#	89
87) Benzo(b)fluoranthene	23.74	252	6347003	80.653	ng/ul	99
88) Benzo(k)fluoranthene	23.79	252	6082253	80.852	ng/ul	98
90) Benzo(a)pyrene	24.40	252	6057200	79.179	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	27.14	276	7351681	80.112	ng/ul	96
92) Dibenzo(a,h)anthracene	27.16	278	6160080	79.368	ng/ul	97
93) Benzo(g,h,i)perylene	27.95	276	6001863	79.014	ng/ul	97

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

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