Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032818\
Data File : BM014662.D
Acq On : 28 Mar 2018 11:36
Operator : SJ/JU
Sample : SSTD04064
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD04064

Quant Time: Mar 28 15:16:33 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	408214	20.00	ng/ul	0.00
18) Naphthalene-d8	11.43	136	1818802	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.19	164	1032045	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.90	188	2256079	20.00	ng/ul	0.00
77) Chrysene-d12	21.99	240	2127839	20.00	ng/ul	0.00
85) Perylene-d12	24.50	264	1731377	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.69	96	130709	14.10	ng/uL	0.00
5) Phenol-d5	7.70	99	1380419	31.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.89	67	858398	29.84	ng/ul	0.00
9) 2-Chlorophenol-d4	8.10	132	1127663	41.79	ng/ul	0.00
13) 4-Methylphenol-d8	9.28	113	1139996	32.36	ng/ul	0.00
19) Nitrobenzene-d5	9.77	128	514450	39.61	ng/ul	0.00
22) 2-Nitrophenol-d4	10.50	143	500945	34.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.03	165	1147738	37.27	ng/ul	0.00
29) 4-Chloroaniline-d4	11.55	131	1405589	38.27	ng/ul	0.00
43) Dimethylphthalate-d6	14.57	166	3375861	43.07	ng/ul	0.00
46) Acenaphthylene-d8	14.89	160	4249097	47.14	ng/ul	0.00
51) 4-Nitrophenol-d4	15.33	143	589943	37.91	ng/ul	0.00
57) Fluorene-d10	16.16	176	2881406	41.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.26	200	411878	30.51	ng/ul	0.00
70) Anthracene-d10	17.99	188	4322679	40.48	ng/ul	0.00
78) Pyrene-d10	20.23	212	4506043	52.47	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.34	264	3596634	45.41	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.73	88	140482	14.286	ng/uL	94
4) Benzaldehyde	7.69	77	834969	28.213	ng/ul	94
6) Phenol	7.73	94	1347011	28.564	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.98	93	1049141	31.060	ng/ul#	86
10) 2-Chlorophenol	8.13	128	1103719	39.656	ng/ul#	91
11) 2-Methylphenol	9.01	108	1035496	30.310	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.12	45	1970357	35.015	ng/ul#	82
14) Acetophenone	9.42	105	1675411	28.311	ng/ul#	89
15) N-Nitroso-di-n-propylamine	9.40	70	888998	24.504	ng/ul#	76
16) 4-Methylphenol	9.35	108	1112099	28.712	ng/ul	100
17) Hexachloroethane	9.70	117	438114	35.953	ng/ul	98
20) Nitrobenzene	9.81	77	1246361	28.775	ng/ul	94
21) Isophorone	10.34	82	2416190	28.203	ng/ul	99
23) 2-Nitrophenol	10.53	139	570514	36.349	ng/ul	90
24) 2,4-Dimethylphenol	10.57	107	1265918	31.432	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.82	93	1468821	31.271	ng/ul	99
27) 2,4-Dichlorophenol	11.06	162	1060714	34.796	ng/ul	99
28) Naphthalene	11.49	128	3555464	38.120	ng/ul	100
30) 4-Chloroaniline	11.58	127	1333829	34.271	ng/ul	100
31) Hexachlorobutadiene	11.76	225	674219	32.085	ng/ul	99
32) Caprolactam	12.33	113	337797	26.531	ng/ul#	54
33) 4-Chloro-3-methylphenol	12.66	107	1152631	28.811	ng/ul	95
34) 2-Methylnaphthalene	13.05	142	2585078	34.811	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.40	216	1318286	42.470	ng/ul	100
37) Hexachlorocyclopentadiene	13.39	237	895071	51.002	ng/ul	98
38) 2,4,6-Trichlorophenol	13.63	196	843260	42.846	ng/ul	99
39) 2,4,5-Trichlorophenol	13.70	196	892143	39.570	ng/ul	100
40) 1,1'-Biphenyl	14.03	154	3328102	46.028	ng/ul	99
41) 2-Chloronaphthalene	14.08	162	2569998	45.929	ng/ul	96
42) 2-Nitroaniline	14.26	65	716596	31.178	ng/ul	83
44) Dimethylphthalate	14.62	163	3222316	40.989	ng/ul	99
45) 2,6-Dinitrotoluene	14.75	165	622298	41.143	ng/ul	96
47) Acenaphthylene	14.92	152	3997550	44.300	ng/ul	99
48) 3-Nitroaniline	15.07	138	595889	36.994	ng/ul	92
49) Acenaphthene	15.25	153	2784712	43.866	ng/ul	99
50) 2,4-Dinitrophenol	15.27	184	237534	23.956	ng/ul#	13
52) 4-Nitrophenol	15.35	109	442042	24.319	ng/ul#	83
53) Dibenzofuran	15.57	168	3810941	40.732	ng/ul	97
54) 2,4-Dinitrotoluene	15.52	165	901855	38.704	ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.79	232	776423	35.880	ng/ul	95
56) Diethylphthalate	15.97	149	3297783	40.060	ng/ul	99
58) Fluorene	16.22	166	3148475	38.998	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.20	204	1619487	39.035	ng/ul	92
60) 4-Nitroaniline	16.22	138	650285	35.562	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	16.27	198	453915	32.021	ng/ul	98
64) N-Nitrosodiphenylamine	16.40	169	2703645	42.644	ng/ul	99
65) 4-Bromophenyl-phenylether	17.09	248	1034523	42.446	ng/ul#	87
66) Hexachlorobenzene	17.20	284	1151366	42.463	ng/ul#	89
67) Atrazine	17.33	200	1000600	37.747	ng/ul	96
68) Pentachlorophenol	17.53	266	633795	35.583	ng/ul	98
69) Phenanthrene	17.94	178	4859290	38.703	ng/ul	100
71) Anthracene	18.03	178	4971550	38.826	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	14.00	216	1347735	50.848	ng/uL	100
73) Pentachlorobenzene	15.49	250	1313111	46.140	ng/uL	99
74) Carbazole	18.29	167	4311172	36.070	ng/ul	99
75) Di-n-butylphthalate	18.82	149	5458259	39.627	ng/ul	100
76) Fluoranthene	19.90	202	5522994	34.899	ng/ul	99
79) Pyrene	20.26	202	5490645	49.667	ng/ul	99
80) Butylbenzylphthalate	21.10	149	2243257	50.492	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.88	252	1747985	43.369	ng/ul	100
82) Benzo(a)anthracene	21.97	228	5109142	42.005	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.86	149	3202797	46.310	ng/ul#	99
84) Chrysene	22.02	228	4697005	40.946	ng/ul	99
86) Di-n-octyl phthalate	22.83	149	4871169	52.316	ng/ul#	89
87) Benzo(b)fluoranthene	23.73	252	4537853	44.348	ng/ul	99
88) Benzo(k)fluoranthene	23.79	252	4204364	42.983	ng/ul	99
90) Benzo(a)pyrene	24.40	252	4061127	40.828	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	27.13	276	4173254	34.975	ng/ul	96
92) Dibenzo(a,h)anthracene	27.15	278	3508284	34.764	ng/ul	97
93) Benzo(g,h,i)perylene	27.94	276	3336415	33.781	ng/ul	96

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

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