Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
Data File : BM020086.D
Acq On : 01 May 2019 12:36
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: May 02 01:28:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	93245	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	384911	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	250001	20.00	ng		0.00
64) Phenanthrene-d10	17.18	188	637420	20.00	ng		0.00
76) Chrysene-d12	21.36	240	731870	20.00	ng		0.00
87) Perylene-d12	23.65	264	815944	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	427955	75.02	ng		0.00
7) Phenol-d6	6.95	99	596405	76.53	ng		0.00
23) Nitrobenzene-d5	8.96	82	747649	76.69	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	316743	81.62	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	1563321	76.94	ng		0.00
79) Terphenyl-d14	19.80	244	3185525	75.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	104635	37.399	ng		94
3) Pyridine	3.70	79	288252	40.285	ng		98
4) n-Nitrosodimethylamine	3.62	42	95919	41.804	ng		98
6) Aniline	7.12	93	374262	38.151	ng		97
8) 2-Chlorophenol	7.35	128	238714	38.432	ng		98
9) Benzaldehyde	6.94	77	228048	38.663	ng		98
10) Phenol	6.97	94	318031	37.908	ng		96
11) bis(2-Chloroethyl)ether	7.22	93	232896	38.194	ng		99
12) 1,3-Dichlorobenzene	7.67	146	280553	38.821	ng		96
13) 1,4-Dichlorobenzene	7.83	146	284408	38.957	ng		97
14) 1,2-Dichlorobenzene	8.14	146	271022	38.966	ng		100
15) Benzyl Alcohol	8.03	79	290875	38.708	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.32	45	183992	36.389	ng		97
17) 2-Methylphenol	8.22	107	209732	38.835	ng		99
18) Hexachloroethane	8.86	117	120185	39.482	ng		99
19) n-Nitroso-di-n-propylamine	8.60	70	260576	39.082	ng		98
20) 3+4-Methylphenols	8.55	107	279981	39.007	ng		98
22) Acetophenone	8.62	105	396726	37.713	ng	#	100
24) Nitrobenzene	9.00	77	390536	38.634	ng		98
25) Isophorone	9.52	82	635245	37.783	ng		98
26) 2-Nitrophenol	9.70	139	118495	38.828	ng		97
27) 2,4-Dimethylphenol	9.75	122	192595	37.907	ng		98
28) bis(2-Chloroethoxy)methane	10.00	93	347952	37.999	ng		98
29) 2,4-Dichlorophenol	10.23	162	255200	39.833	ng		99
30) 1,2,4-Trichlorobenzene	10.45	180	309793	39.298	ng		99
31) Naphthalene	10.63	128	765352	38.316	ng		99
32) Benzoic acid	9.87	122	114830	34.001	ng		99
33) 4-Chloroaniline	10.75	127	317243	38.588	ng		100
34) Hexachlorobutadiene	10.90	225	224341	40.229	ng		97
35) Caprolactam	11.53	113	74299	38.785	ng		94
36) 4-Chloro-3-methylphenol	11.86	107	295749	39.282	ng		98
37) 2-Methylnaphthalene	12.25	142	567788	38.991	ng		99
38) 1-Methylnaphthalene	12.47	142	554536	38.943	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	373813	38.218	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.59	237	220416	38.273	ng		99
43) 2,4,6-Trichlorophenol	12.86	196	218341	39.278	ng		99
44) 2,4,5-Trichlorophenol	12.92	196	244479	39.369	ng		95
46) 1,1'-Biphenyl	13.26	154	783766	38.088	ng		98
47) 2-Chloronaphthalene	13.30	162	624607	38.017	ng		99
48) 2-Nitroaniline	13.52	65	231674	39.608	ng		99
49) Acenaphthylene	14.16	152	1016936	38.676	ng		99
50) Dimethylphthalate	13.89	163	827095	38.926	ng		100
51) 2,6-Dinitrotoluene	14.02	165	177376	39.634	ng		95
52) Acenaphthene	14.50	154	587987	38.996	ng		99
53) 3-Nitroaniline	14.35	138	163809	39.438	ng		95
54) 2,4-Dinitrophenol	14.55	184	79205	40.063	ng		93
55) Dibenzofuran	14.83	168	1002774	39.427	ng		99
56) 4-Nitrophenol	14.64	139	141051	39.801	ng		99
57) 2,4-Dinitrotoluene	14.80	165	247995	40.781	ng		96
58) Fluorene	15.48	166	826664	39.576	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	238851	40.474	ng		99
60) Diethylphthalate	15.26	149	848089	39.617	ng		99
61) 4-Chlorophenyl-phenylether	15.47	204	468980	39.626	ng		99
62) 4-Nitroaniline	15.51	138	184913	40.340	ng		90
63) Azobenzene	15.77	77	1007917	39.910	ng		97
65) 4,6-Dinitro-2-methylphenol	15.56	198	118961	38.631	ng		96
66) n-Nitrosodiphenylamine	15.69	169	721176	38.450	ng		98
67) 4-Bromophenyl-phenylether	16.37	248	303646	38.847	ng		95
68) Hexachlorobenzene	16.47	284	351378	39.065	ng		98
69) Atrazine	16.64	200	289993	39.563	ng		98
70) Pentachlorophenol	16.82	266	208793	40.571	ng		98
71) Phenanthrene	17.22	178	1371715	38.985	ng		98
72) Anthracene	17.31	178	1363031	38.745	ng		100
73) Carbazole	17.59	167	1253794	39.498	ng		99
74) Di-n-butylphthalate	18.14	149	1488001	38.951	ng		99
75) Fluoranthene	19.23	202	1765554	39.658	ng		99
77) Benzidine	19.43	184	889203	38.003	ng		98
78) Pyrene	19.60	202	1865731	37.970	ng		100
80) Butylbenzylphthalate	20.50	149	679067	38.003	ng		98
81) Benzo(a)anthracene	21.34	228	1984123	38.657	ng		99
82) 3,3'-Dichlorobenzidine	21.29	252	763317	38.966	ng		99
83) Chrysene	21.40	228	1915937	38.490	ng		99
84) Bis(2-ethylhexyl)phthalate	21.27	149	1044919	37.685	ng		99
85) Di-n-octyl phthalate	22.17	149	1755736	38.098	ng		100
86) Indeno(1,2,3-cd)pyrene	25.98	276	2336375	39.460	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	2023661	37.558	ng		100
89) Benzo(k)fluoranthene	23.00	252	1946560	39.605	ng		98
90) Benzo(a)pyrene	23.55	252	1873630	38.283	ng		98
91) Dibenzo(a,h)anthracene	25.99	278	1955686	38.425	ng		99
92) Benzo(g,h,i)perylene	26.70	276	1859803	38.488	ng		99

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

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