Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041719\
Data File : BM019948.D
Acq On : 17 Apr 2019 21:04
Operator : JU/SJ
Sample : K2422-07MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP1-DMS

Quant Time: Apr 18 01:50:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 16:16:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	156416	20.00	ng		0.00
21) Naphthalene-d8	10.30	136	602291	20.00	ng		0.00
39) Acenaphthene-d10	14.19	164	293488	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	520522	20.00	ng		0.00
76) Chrysene-d12	21.17	240	460184	20.00	ng		0.00
87) Perylene-d12	23.37	264	619358	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	1237020	128.17	ng		0.00
7) Phenol-d6	6.72	99	1708015	117.59	ng		0.00
23) Nitrobenzene-d5	8.70	82	1076578	79.94	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	478316	101.24	ng		0.00
45) 2-Fluorobiphenyl	12.80	172	1814507	77.05	ng		0.00
79) Terphenyl-d14	19.60	244	1667736	63.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	119249	28.632	ng		99
3) Pyridine	3.52	79	309819	26.562	ng		99
4) n-Nitrosodimethylamine	3.44	42	115912	30.849	ng		96
6) Aniline	6.88	93	188094	10.026	ng		97
8) 2-Chlorophenol	7.10	128	361590	30.122	ng		98
9) Benzaldehyde	6.70	77	136787	13.371	ng		98
10) Phenol	6.75	94	488140	30.759	ng		97
11) bis(2-Chloroethyl)ether	6.98	93	328921	28.328	ng		97
12) 1,3-Dichlorobenzene	7.41	146	372689	29.574	ng		96
13) 1,4-Dichlorobenzene	7.56	146	384272	30.054	ng		99
14) 1,2-Dichlorobenzene	7.87	146	373293	29.444	ng		99
15) Benzyl Alcohol	7.79	79	358620	27.158	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.06	45	307547	27.785	ng		99
17) 2-Methylphenol	7.99	107	297526	28.327	ng		98
18) Hexachloroethane	8.57	117	146122	29.400	ng		96
19) n-Nitroso-di-n-propylamine	8.34	70	312349	24.463	ng		98
20) 3+4-Methylphenols	8.32	107	393432	27.268	ng		98
22) Acetophenone	8.36	105	534469	32.580	ng	#	99
24) Nitrobenzene	8.74	77	451456	32.359	ng		99
25) Isophorone	9.26	82	753533	28.743	ng		99
26) 2-Nitrophenol	9.45	139	181552	30.537	ng		99
27) 2,4-Dimethylphenol	9.50	122	301592	35.877	ng		99
28) bis(2-Chloroethoxy)methane	9.74	93	437873	29.827	ng		100
29) 2,4-Dichlorophenol	9.98	162	298721	31.289	ng		95
30) 1,2,4-Trichlorobenzene	10.17	180	336689	32.765	ng		99
31) Naphthalene	10.35	128	1029055	31.854	ng		99
32) Benzoic acid	9.68	122	123555	19.027	ng		96
33) 4-Chloroaniline	10.52	127	52952	3.979	ng		98
34) Hexachlorobutadiene	10.60	225	193299	31.895	ng		99
35) Caprolactam	11.33	113	76235m	21.095	ng		
36) 4-Chloro-3-methylphenol	11.63	107	321971	27.141	ng		99
37) 2-Methylnaphthalene	11.97	142	704720	29.963	ng		99
38) 1-Methylnaphthalene	12.20	142	667438	28.741	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.35	216	327281	36.148	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.30	237	168361	56.529	ng	99
43) 2,4,6-Trichlorophenol	12.62	196	209360	34.107	ng	100
44) 2,4,5-Trichlorophenol	12.70	196	204382	31.991	ng	99
46) 1,1'-Biphenyl	13.02	154	883214	34.745	ng	99
47) 2-Chloronaphthalene	13.06	162	669360	34.522	ng	100
48) 2-Nitroaniline	13.30	65	209246	29.939	ng	97
49) Acenaphthylene	13.91	152	1044426	30.958	ng	100
50) Dimethylphthalate	13.66	163	1107584	42.785	ng	99
51) 2,6-Dinitrotoluene	13.80	165	164881	28.803	ng	90
52) Acenaphthene	14.26	154	596962	31.914	ng	97
53) 3-Nitroaniline	14.15	138	50103	8.765	ng	97
54) 2,4-Dinitrophenol	14.38	184	54331	21.886	ng	96
55) Dibenzofuran	14.60	168	943877	30.858	ng	100
56) 4-Nitrophenol	14.48	139	200833	47.126	ng	98
57) 2,4-Dinitrotoluene	14.61	165	218881	26.600	ng	100
58) Fluorene	15.25	166	738807	28.505	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.83	232	168105	28.838	ng	100
60) Diethylphthalate	15.03	149	776122	28.826	ng	100
61) 4-Chlorophenyl-phenylether	15.25	204	368805	29.554	ng	96
62) 4-Nitroaniline	15.33	138	109082	19.369	ng	97
63) Azobenzene	15.55	77	845738	29.390	ng	99
65) 4,6-Dinitro-2-methylphenol	15.39	198	54847	16.515	ng	93
66) n-Nitrosodiphenylamine	15.47	169	610180	35.857	ng	99
67) 4-Bromophenyl-phenylether	16.15	248	202389	33.819	ng	96
68) Hexachlorobenzene	16.25	284	235860	32.846	ng	99
69) Atrazine	16.44	200	190134	32.913	ng	98
70) Pentachlorophenol	16.62	266	229270	62.489	ng	99
71) Phenanthrene	17.00	178	981609	31.778	ng	100
72) Anthracene	17.09	178	981343	31.916	ng	100
73) Carbazole	17.38	167	855674	29.806	ng	100
74) Di-n-butylphthalate	17.92	149	1156162	30.666	ng	99
75) Fluoranthene	19.03	202	991422	27.890	ng	99
77) Benzidine	19.24	184	426701	33.606	ng	99
78) Pyrene	19.40	202	1011755	33.200	ng	100
80) Butylbenzylphthalate	20.30	149	473761	32.066	ng	99
81) Benzo(a)anthracene	21.16	228	988423	33.907	ng	100
82) 3,3'-Dichlorobenzidine	21.10	252	203898	18.799	ng	98
83) Chrysene	21.21	228	989714	35.402	ng	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	705785	32.087	ng	99
85) Di-n-octyl phthalate	21.94	149	1278000	35.808	ng	100
86) Indeno(1,2,3-cd)pyrene	25.57	276	1675140	60.911	ng	99
88) Benzo(b)fluoranthene	22.71	252	1212489	29.482	ng	99
89) Benzo(k)fluoranthene	22.75	252	1237358	31.958	ng	99
90) Benzo(a)pyrene	23.27	252	1229719	33.746	ng	98
91) Dibenzo(a,h)anthracene	25.57	278	1426051	40.590	ng	99
92) Benzo(g,h,i)perylene	26.25	276	1355674	42.603	ng	100

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

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