Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\
Data File : BF114798.D
Acq On : 4 Jun 2019 18:34
Operator : HP/JU
Sample : K2641-14MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-AMSD

Manual Integrations APPROVED
mohammad
6/5/2019 3:40:50 PM

Quant Time: Jun 05 04:38:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	169811	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	659519	20.00	ng		0.00
39) Acenaphthene-d10	9.69	164	321124	20.00	ng		0.00
64) Phenanthrene-d10	11.16	188	660748	20.00	ng		0.00
76) Chrysene-d12	13.79	240	547727	20.00	ng		0.00
87) Perylene-d12	15.16	264	655278	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1227561	126.32	ng		0.00
7) Phenol-d6	6.30	99	1383279	116.98	ng		0.00
23) Nitrobenzene-d5	7.22	82	948782	88.56	ng		-0.01
42) 2,4,6-Tribromophenol	10.47	330	495315	143.13	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	1933126	112.77	ng		0.00
79) Terphenyl-d14	12.74	244	2469429	87.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	168002	36.208	ng		99
3) Pyridine	3.03	79	377627	29.614	ng		99
4) n-Nitrosodimethylamine	2.90	42	181703	38.934	ng		98
6) Aniline	6.32	93	102726	6.122	ng		92
8) 2-Chlorophenol	6.45	128	493186	43.923	ng		100
9) Benzaldehyde	6.20	77	149879	18.272	ng		97
10) Phenol	6.31	94	503707	37.249	ng	#	75
11) bis(2-Chloroethyl)ether	6.40	93	450179	42.656	ng		98
12) 1,3-Dichlorobenzene	6.60	146	509654	38.952	ng		100
13) 1,4-Dichlorobenzene	6.68	146	523880	39.792	ng		98
14) 1,2-Dichlorobenzene	6.83	146	496379	41.748	ng		98
15) Benzyl Alcohol	6.80	79	397477	44.449	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	610871	40.472	ng		100
17) 2-Methylphenol	6.92	107	389762	40.609	ng		98
18) Hexachloroethane	7.18	117	180416	36.408	ng		94
19) n-Nitroso-di-n-propylamine	7.08	70	321423	41.062	ng		97
20) 3+4-Methylphenols	7.07	107	479075	45.255	ng		89
22) Acetophenone	7.07	105	673370	46.375	ng	#	97
24) Nitrobenzene	7.24	77	493924	44.501	ng		99
25) Isophorone	7.48	82	893208	42.171	ng		95
26) 2-Nitrophenol	7.56	139	267886	44.563	ng		93
27) 2,4-Dimethylphenol	7.60	122	426847	46.717	ng		99
28) bis(2-Chloroethoxy)methane	7.70	93	572584	42.291	ng		98
29) 2,4-Dichlorophenol	7.80	162	427608	44.484	ng		98
30) 1,2,4-Trichlorobenzene	7.89	180	467508	42.386	ng		99
31) Naphthalene	7.96	128	1435573	48.349	ng		97
32) Benzoic acid	7.69	122	195231	29.338	ng		99
33) 4-Chloroaniline	8.01	127	58386	4.122	ng		98
34) Hexachlorobutadiene	8.09	225	249232	39.745	ng		99
35) Caprolactam	8.36	113	113172m	36.040	ng		
36) 4-Chloro-3-methylphenol	8.50	107	435594	45.539	ng		99
37) 2-Methylnaphthalene	8.66	142	989610	48.052	ng		98
38) 1-Methylnaphthalene	8.75	142	939625	48.110	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	428721	46.327	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	442322	78.808	ng		99
43) 2,4,6-Trichlorophenol	8.93	196	312354	43.406	ng		100
44) 2,4,5-Trichlorophenol	8.97	196	335964	46.358	ng		100
46) 1,1'-Biphenyl	9.12	154	1197397	50.311	ng		96
47) 2-Chloronaphthalene	9.14	162	941784	46.569	ng		96
48) 2-Nitroaniline	9.23	65	267585	44.338	ng		94
49) Acenaphthylene	9.55	152	1488483	50.754	ng		96
50) Dimethylphthalate	9.42	163	1104810	47.106	ng		99
51) 2,6-Dinitrotoluene	9.47	165	257383	46.663	ng		99
52) Acenaphthene	9.72	154	973277	50.661	ng		99
53) 3-Nitroaniline	9.63	138	75921	11.783	ng		94
54) 2,4-Dinitrophenol	9.75	184	179566	71.943	ng		94
55) Dibenzofuran	9.90	168	1327273	49.684	ng		93
56) 4-Nitrophenol	9.80	139	433472	91.808	ng		90
57) 2,4-Dinitrotoluene	9.87	165	347170	50.068	ng		92
58) Fluorene	10.23	166	983865	60.669	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.02	232	287838	48.479	ng		99
60) Diethylphthalate	10.12	149	1123927	47.756	ng		98
61) 4-Chlorophenyl-phenylether	10.23	204	477915	46.709	ng		98
62) 4-Nitroaniline	10.25	138	254573	40.734	ng		97
63) Azobenzene	10.39	77	989043	49.370	ng		96
65) 4,6-Dinitro-2-methylphenol	10.28	198	130320	37.969	ng		97
66) n-Nitrosodiphenylamine	10.35	169	928268	46.461	ng		98
67) 4-Bromophenyl-phenylether	10.72	248	321191	42.800	ng		98
68) Hexachlorobenzene	10.79	284	348806	42.470	ng		99
69) Atrazine	10.87	200	311236	44.790	ng		98
70) Pentachlorophenol	10.97	266	391559	82.470	ng		99
71) Phenanthrene	11.19	178	1629730	51.666	ng		97
72) Anthracene	11.24	178	1660645	50.025	ng		97
73) Carbazole	11.39	167	1517996	53.343	ng		97
74) Di-n-butylphthalate	11.74	149	1895267	50.636	ng		97
75) Fluoranthene	12.37	202	1744327	53.131	ng		97
77) Benzidine	12.49	184	225315	8.310	ng	#	94
78) Pyrene	12.59	202	1812890	38.153	ng		97
80) Butylbenzylphthalate	13.23	149	914406	38.109	ng		94
81) Benzo(a)anthracene	13.77	228	1716183	40.660	ng		98
82) 3,3'-Dichlorobenzidine	13.74	252	205843	12.027	ng		98
83) Chrysene	13.81	228	1672161	40.725	ng		98
84) Bis(2-ethylhexyl)phthalate	13.79	149	1263703	41.650	ng		99
85) Di-n-octyl phthalate	14.40	149	2192425	42.526	ng		98
86) Indeno(1,2,3-cd)pyrene	16.47	276	1981257	42.290	ng		100
88) Benzo(b)fluoranthene	14.78	252	1763041	42.263	ng		99
89) Benzo(k)fluoranthene	14.81	252	1758002	49.625	ng		97
90) Benzo(a)pyrene	15.11	252	1712841	47.438	ng		99
91) Dibenzo(a,h)anthracene	16.49	278	1647337	48.177	ng		98
92) Benzo(g,h,i)perylene	16.86	276	1664743	48.414	ng		99

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

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