Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
Data File : BF115417.D
Acq On : 8 Jul 2019 20:46
Operator : HP/JU
Sample : K3622-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-070319-AMSD

Manual Integrations APPROVED
mohammad
7/10/2019 9:04:35 AM

Quant Time: Jul 09 07:29:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 14:57:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	190111	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	792771	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	424163	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	839776	20.00	ng	0.00
76) Chrysene-d12	14.05	240	595067	20.00	ng	-0.02
87) Perylene-d12	15.52	264	569909	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1336022	108.58	ng	0.02
7) Phenol-d6	6.53	99	1685466	107.70	ng	0.00
23) Nitrobenzene-d5	7.46	82	1221833	91.06	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	615055	131.15	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2225012	92.05	ng	0.00
79) Terphenyl-d14	13.00	244	2547219	87.64	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.89	88	197619	32.743	ng	# 85
3) Pyridine	3.59	79	480175	28.772	ng	97
4) n-Nitrosodimethylamine	3.52	42	236983	35.017	ng	95
6) Aniline	6.56	93	239585	10.849	ng	100
8) 2-Chlorophenol	6.69	128	547325	39.393	ng	96
9) Benzaldehyde	6.45	77	280587	29.383	ng	98
10) Phenol	6.54	94	610378	32.599	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	541132	38.958	ng	99
12) 1,3-Dichlorobenzene	6.84	146	516950	33.961	ng	98
13) 1,4-Dichlorobenzene	6.92	146	531936	34.887	ng	98
14) 1,2-Dichlorobenzene	7.07	146	500615	35.463	ng	99
15) Benzyl Alcohol	7.03	79	518250	41.270	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	737733	37.985	ng	99
17) 2-Methylphenol	7.15	107	476316	40.017	ng	100
18) Hexachloroethane	7.41	117	194333	34.213	ng	95
19) n-Nitroso-di-n-propylamine	7.31	70	418554	39.534	ng	98
20) 3+4-Methylphenols	7.30	107	570670	40.588	ng	# 90
22) Acetophenone	7.30	105	784587	41.302	ng	# 99
24) Nitrobenzene	7.47	77	625193	41.257	ng	96
25) Isophorone	7.72	82	1196085	41.126	ng	99
26) 2-Nitrophenol	7.79	139	301771	48.439	ng	97
27) 2,4-Dimethylphenol	7.83	122	553655	46.606	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	730934	40.757	ng	100
29) 2,4-Dichlorophenol	8.03	162	516160	43.624	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	515446	39.131	ng	99
31) Naphthalene	8.20	128	1607897	40.833	ng	100
32) Benzoic acid	7.94	122	279016	34.224	ng	96
33) 4-Chloroaniline	8.24	127	114833	6.536	ng	99
34) Hexachlorobutadiene	8.32	225	284146	38.038	ng	99
35) Caprolactam	8.61	113	146156m	37.927	ng	
36) 4-Chloro-3-methylphenol	8.72	107	564367	45.094	ng	99
37) 2-Methylnaphthalene	8.89	142	1136710	43.188	ng	99
38) 1-Methylnaphthalene	8.99	142	1075332	42.821	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	496880	40.719	ng	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	555681	78.569	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	384774	43.312	ng		100
44) 2,4,5-Trichlorophenol	9.21	196	415891	45.147	ng		99
46) 1,1'-Biphenyl	9.36	154	1417048	42.496	ng		99
47) 2-Chloronaphthalene	9.38	162	1124118	40.789	ng		99
48) 2-Nitroaniline	9.47	65	361208	44.610	ng		97
49) Acenaphthylene	9.80	152	1709965	40.981	ng		99
50) Dimethylphthalate	9.66	163	1380597	43.365	ng		100
51) 2,6-Dinitrotoluene	9.71	165	319770	46.313	ng		97
52) Acenaphthene	9.97	154	1157629	44.082	ng		100
53) 3-Nitroaniline	9.87	138	107224	13.371	ng		96
54) 2,4-Dinitrophenol	9.98	184	202271	69.365	ng	#	70
55) Dibenzofuran	10.14	168	1577748	42.651	ng		100
56) 4-Nitrophenol	10.04	139	521764	84.095	ng		97
57) 2,4-Dinitrotoluene	10.12	165	428583	48.842	ng		95
58) Fluorene	10.48	166	1175907	40.325	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	356459	44.794	ng		100
60) Diethylphthalate	10.36	149	1370940	43.749	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	607794	42.704	ng		98
62) 4-Nitroaniline	10.50	138	323768	41.131	ng		97
63) Azobenzene	10.63	77	1351913	41.852	ng		97
65) 4,6-Dinitro-2-methylphenol	10.53	198	169021	43.007	ng		84
66) n-Nitrosodiphenylamine	10.59	169	1133762	42.848	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	403398	42.810	ng		97
68) Hexachlorobenzene	11.03	284	443929	41.984	ng		99
69) Atrazine	11.12	200	385973	47.135	ng		99
70) Pentachlorophenol	11.22	266	512252	79.494	ng		100
71) Phenanthrene	11.45	178	1818887	41.183	ng		100
72) Anthracene	11.49	178	1907119	43.061	ng		100
73) Carbazole	11.65	167	1677353	41.399	ng		99
74) Di-n-butylphthalate	11.98	149	2140872	43.721	ng		99
75) Fluoranthene	12.63	202	1931500	41.535	ng		99
77) Benzidine	12.74	184	505392	21.779	ng		98
78) Pyrene	12.86	202	1963180	42.424	ng		100
80) Butylbenzylphthalate	13.47	149	908622	44.940	ng		92
81) Benzo(a)anthracene	14.04	228	1523977	39.970	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	235518	17.023	ng		98
83) Chrysene	14.08	228	1632266	41.665	ng		100
84) Bis(2-ethylhexyl)phthalate	14.03	149	1162477	46.427	ng		99
85) Di-n-octyl phthalate	14.64	149	2101047	47.136	ng		99
86) Indeno(1,2,3-cd)pyrene	17.01	276	1455041	45.401	ng	#	100
88) Benzo(b)fluoranthene	15.10	252	1562914	42.120	ng		99
89) Benzo(k)fluoranthene	15.13	252	1437417	43.558	ng		99
90) Benzo(a)pyrene	15.46	252	1408121	43.998	ng		99
91) Dibenzo(a,h)anthracene	17.03	278	1214718	44.416	ng		99
92) Benzo(g,h,i)perylene	17.46	276	1198523	46.300	ng		99

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

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