Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
Data File : BG048833.D
Acq On : 22 Apr 2021 00:08
Operator : CG/JU
Sample : M2024-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-GF-02-071-AMSD

Manual Integrations APPROVED
mohammad
4/22/2021 12:09:58 PM

Quant Time: Apr 22 01:03:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.061	152	22281	20.00	ng		0.00
21) Naphthalene-d8	10.887	136	92278	20.00	ng		0.00
39) Acenaphthene-d10	14.724	164	61847	20.00	ng		0.00
64) Phenanthrene-d10	17.480	188	136141	20.00	ng		# 0.00
76) Chrysene-d12	21.786	240	120734	20.00	ng		0.00
86) Perylene-d12	25.112	264	123762	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.611	112	164703	123.63	ng		0.00
7) Phenol-d6	7.227	99	216977	115.15	ng		0.00
23) Nitrobenzene-d5	9.236	82	157302	76.32	ng		0.00
42) 2,4,6-Tribromophenol	16.222	330	88000	106.12	ng		0.00
45) 2-Fluorobiphenyl	13.343	172	333467	77.86	ng		0.00
79) Terphenyl-d14	20.094	244	472238	67.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.455	88	18476	35.40	ng		98
3) Pyridine	3.860	79	52100	38.29	ng		90
4) n-Nitrosodimethylamine	3.772	42	44467	42.81	ng	#	93
6) Aniline	7.380	93	45939	21.72	ng		97
8) 2-Chlorophenol	7.627	128	72377	51.21	ng		96
9) Benzaldehyde	7.186	77	51980	41.63	ng		91
10) Phenol	7.256	94	98073	52.93	ng		97
11) bis(2-Chloroethyl)ether	7.474	93	59818	47.90	ng		92
12) 1,3-Dichlorobenzene	7.950	146	80897	49.78	ng		99
13) 1,4-Dichlorobenzene	8.097	146	82220	49.65	ng		95
14) 1,2-Dichlorobenzene	8.420	146	77251	50.56	ng		95
15) Benzyl Alcohol	8.302	79	78911	47.52	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.596	45	66780	49.33	ng		94
17) 2-Methylphenol	8.514	107	61121	51.67	ng		98
18) Hexachloroethane	9.154	117	30940	47.57	ng		95
19) n-Nitroso-di-n-propyla...	8.866	70	60012	47.20	ng	#	92
20) 3+4-Methylphenols	8.849	107	85072	52.12	ng		95
22) Acetophenone	8.890	105	113979	47.45	ng	#	97
24) Nitrobenzene	9.278	77	95519	46.46	ng	#	94
25) Isophorone	9.800	82	158126	43.38	ng		96
26) 2-Nitrophenol	9.994	139	42306	47.54	ng		97
27) 2,4-Dimethylphenol	10.053	122	74046	54.13	ng		94
28) bis(2-Chloroethoxy)met...	10.282	93	85525	53.86	ng	#	89
29) 2,4-Dichlorophenol	10.541	162	75169	48.72	ng		96
30) 1,2,4-Trichlorobenzene	10.752	180	86063	48.11	ng		96
31) Naphthalene	10.940	128	232371	49.08	ng		98
32) Benzoic acid	10.229	122	27517m	34.33	ng		
33) 4-Chloroaniline	11.052	127	25024	12.70	ng		95
34) Hexachlorobutadiene	11.222	225	61889	46.60	ng		95
35) Caprolactam	11.833	113	23849m	45.49	ng		
36) 4-Chloro-3-methylphenol	12.186	107	82859	47.42	ng	#	95
37) 2-Methylnaphthalene	12.550	142	181788	48.04	ng		96
38) 1-Methylnaphthalene	12.768	142	163199	46.36	ng		97
40) 1,2,4,5-Tetrachloroben...	12.920	216	101842	50.59	ng		98
41) Hexachlorocyclopentadiene	12.891	237	45190	44.00	ng		88
43) 2,4,6-Trichlorophenol	13.161	196	65466	48.73	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.238	196	68385	47.93	ng		94
46) 1,1'-Biphenyl	13.555	154	232169	50.82	ng		99
47) 2-Chloronaphthalene	13.602	162	175240	50.22	ng		94
48) 2-Nitroaniline	13.808	65	60615	48.34	ng		91
49) Acenaphthylene	14.448	152	274787	50.47	ng		97
50) Dimethylphthalate	14.172	163	225399	48.58	ng		98
51) 2,6-Dinitrotoluene	14.295	165	47813	44.67	ng		97
52) Acenaphthene	14.789	154	178823	51.72	ng		97
53) 3-Nitroaniline	14.630	138	28353	27.59	ng		99
54) 2,4-Dinitrophenol	14.842	184	42537	67.12	ng		98
55) Dibenzofuran	15.124	168	273023	47.71	ng		98
56) 4-Nitrophenol	14.953	139	71697	94.18	ng		97
57) 2,4-Dinitrotoluene	15.088	165	67371	43.35	ng		99
58) Fluorene	15.776	166	226698	48.23	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.353	232	60874	46.11	ng		97
60) Diethylphthalate	15.535	149	221902	46.24	ng		99
61) 4-Chlorophenyl-phenyle...	15.764	204	122520	47.40	ng		97
62) 4-Nitroaniline	15.799	138	45336	41.27	ng		89
63) Azobenzene	16.058	77	219010	45.31	ng		93
65) 4,6-Dinitro-2-methylph...	15.858	198	35923	39.41	ng		97
66) n-Nitrosodiphenylamine	15.981	169	191358	49.73	ng		96
67) 4-Bromophenyl-phenylether	16.663	248	76896	49.07	ng		94
68) Hexachlorobenzene	16.781	284	76614	48.27	ng		95
69) Atrazine	16.927	200	80023	50.01	ng		96
70) Pentachlorophenol	17.133	266	75520	89.29	ng		94
71) Phenanthrene	17.527	178	419483	59.37	ng		97
72) Anthracene	17.615	178	362799	51.89	ng		98
73) Carbazole	17.885	167	306345	45.74	ng		98
74) Di-n-butylphthalate	18.437	149	357456	47.61	ng		98
75) Fluoranthene	19.542	202	468446	52.42	ng		98
77) Benzidine	19.718	184	123474	37.66	ng		98
78) Pyrene	19.900	202	461368	55.23	ng		98
80) Butylbenzylphthalate	20.776	149	157515	48.22	ng		98
81) Benzo(a)anthracene	21.763	228	427186	51.78	ng		97
82) 3,3'-Dichlorobenzidine	21.669	252	81555	28.83	ng		97
83) Chrysene	21.833	228	389612	49.57	ng		98
84) Bis(2-ethylhexyl)phtha...	21.651	149	214022	46.81	ng		98
85) Di-n-octyl phthalate	22.897	149	358654	46.07	ng		98
87) Indeno(1,2,3-cd)pyrene	28.949	276	452978	49.83	ng	#	76
88) Benzo(b)fluoranthene	24.054	252	425176	50.64	ng		97
89) Benzo(k)fluoranthene	24.125	252	366936	46.47	ng		100
90) Benzo(a)pyrene	24.965	252	367779	47.55	ng		99
91) Dibenzo(a,h)anthracene	29.019	278	370458	47.52	ng		99
92) Benzo(g,h,i)perylene	30.159	276	374994	48.72	ng		95

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

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