Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
Data File : BG057416.D
Acq On : 12 May 2023 19:38
Operator : CG/JU
Sample : 02747-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

Quant Time: May 13 03:18:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 22:04:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.364	152	15742	20.000	ng		0.00
21) Naphthalene-d8	11.207	136	66809	20.000	ng	#	0.00
39) Acenaphthene-d10	14.978	164	53709	20.000	ng		0.00
64) Phenanthrene-d10	17.721	188	128775	20.000	ng		0.00
76) Chrysene-d12	22.027	240	115438	20.000	ng		0.00
86) Perylene-d12	25.534	264	126085	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.879	112	98372	106.896	ng		0.00
7) Phenol-d6	7.506	99	151501	108.413	ng		0.00
23) Nitrobenzene-d5	9.544	82	96173	60.418	ng		0.00
42) 2,4,6-Tribromophenol	16.464	330	80857	106.101	ng		0.00
45) 2-Fluorobiphenyl	13.604	172	253938	63.677	ng		0.00
79) Terphenyl-d14	20.289	244	465111	65.752	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.676	88	14220	37.372	ng	#	89
3) Pyridine	4.099	79	39706	32.471	ng		96
4) n-Nitrosodimethylamine	4.011	42	22272	38.758	ng		91
6) Aniline	7.676	93	75172	42.403	ng		99
8) 2-Chlorophenol	7.929	128	51931	53.405	ng		97
9) Benzaldehyde	7.488	77	37684	53.142	ng		99
10) Phenol	7.535	94	72445	53.180	ng		98
11) bis(2-Chloroethyl)ether	7.764	93	45711	44.499	ng		97
12) 1,3-Dichlorobenzene	8.252	146	52625	49.034	ng		99
13) 1,4-Dichlorobenzene	8.399	146	53093	49.250	ng		95
14) 1,2-Dichlorobenzene	8.728	146	52118	50.079	ng		96
15) Benzyl Alcohol	8.599	79	58103	49.909	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.886	45	58353m	45.070	ng		
17) 2-Methylphenol	8.804	107	49408	50.314	ng		97
18) Hexachloroethane	9.462	117	18785	48.286	ng		97
19) n-Nitroso-di-n-propyla...	9.168	70	46821	43.940	ng		97
20) 3+4-Methylphenols	9.133	107	69786	51.900	ng		94
22) Acetophenone	9.192	105	86203	45.081	ng	#	96
24) Nitrobenzene	9.585	77	67171	41.808	ng		93
25) Isophorone	10.108	82	131630	42.645	ng		97
26) 2-Nitrophenol	10.302	139	31349	50.976	ng		97
27) 2,4-Dimethylphenol	10.349	122	54330	50.453	ng		100
28) bis(2-Chloroethoxy)met...	10.578	93	70308	45.467	ng		98
29) 2,4-Dichlorophenol	10.843	162	62152	54.418	ng		95
30) 1,2,4-Trichlorobenzene	11.060	180	61923	47.006	ng		93
31) Naphthalene	11.254	128	165889	46.446	ng		98
32) Benzoic acid	10.502	122	33175m	52.892	ng		
33) 4-Chloroaniline	11.354	127	52825	32.934	ng		97
34) Hexachlorobutadiene	11.524	225	44884	45.918	ng		98
35) Caprolactam	12.129	113	20052m	51.397	ng		
36) 4-Chloro-3-methylphenol	12.458	107	68731	52.954	ng		99
37) 2-Methylnaphthalene	12.828	142	130796	46.576	ng		95
38) 1-Methylnaphthalene	13.045	142	122695	46.354	ng		99
40) 1,2,4,5-Tetrachloroben...	13.192	216	92333	48.425	ng		99
41) Hexachlorocyclopentadiene	13.163	237	80387	87.104	ng		99
43) 2,4,6-Trichlorophenol	13.427	196	60340	51.944	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.504	196	66099	48.374	ng		99
46) 1,1'-Biphenyl	13.815	154	189999	47.674	ng		98
47) 2-Chloronaphthalene	13.868	162	145845	49.211	ng		99
48) 2-Nitroaniline	14.068	65	47201	46.841	ng		96
49) Acenaphthylene	14.708	152	228878	47.536	ng		99
50) Dimethylphthalate	14.420	163	198459	44.966	ng		99
51) 2,6-Dinitrotoluene	14.549	165	44145	48.988	ng		90
52) Acenaphthene	15.043	154	139959	46.519	ng		99
53) 3-Nitroaniline	14.884	138	31627	35.033	ng		91
54) 2,4-Dinitrophenol	15.096	184	57383	101.423	ng		98
55) Dibenzofuran	15.372	168	237397	46.962	ng		99
56) 4-Nitrophenol	15.190	139	61198	101.923	ng		93
57) 2,4-Dinitrotoluene	15.336	165	63233	49.099	ng		96
58) Fluorene	16.024	166	192717	46.283	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.601	232	62012	50.057	ng		99
60) Diethylphthalate	15.759	149	198541	44.296	ng		99
61) 4-Chlorophenyl-phenyle...	16.000	204	115706	46.127	ng		97
62) 4-Nitroaniline	16.041	138	42930	47.137	ng		97
63) Azobenzene	16.294	77	188805	43.658	ng		97
65) 4,6-Dinitro-2-methylph...	16.100	198	43764	56.922	ng		98
66) n-Nitrosodiphenylamine	16.212	169	172129	49.214	ng		99
67) 4-Bromophenyl-phenylether	16.893	248	76685	48.781	ng		97
68) Hexachlorobenzene	17.028	284	81710	53.487	ng		94
69) Atrazine	17.146	200	74985	56.202	ng		99
70) Pentachlorophenol	17.369	266	81844	92.961	ng		98
71) Phenanthrene	17.763	178	319687	48.447	ng		99
72) Anthracene	17.857	178	324058	47.861	ng		99
73) Carbazole	18.121	167	281658	49.413	ng		99
74) Di-n-butylphthalate	18.638	149	314654	47.978	ng		98
75) Fluoranthene	19.754	202	389561	47.467	ng		99
77) Benzidine	19.919	184	212049	82.165	ng		99
78) Pyrene	20.112	202	391728	46.699	ng		98
80) Butylbenzylphthalate	20.964	149	138142	51.902	ng		96
81) Benzo(a)anthracene	22.010	228	396095	48.160	ng		99
82) 3,3'-Dichlorobenzidine	21.904	252	114736	43.554	ng		99
83) Chrysene	22.080	228	362358	46.826	ng		99
84) Bis(2-ethylhexyl)phtha...	21.851	149	194527	49.398	ng		98
85) Di-n-octyl phthalate	23.149	149	329475	50.186	ng		97
87) Indeno(1,2,3-cd)pyrene	29.594	276	444152	48.334	ng	#	99
88) Benzo(b)fluoranthene	24.412	252	402992	48.894	ng		99
89) Benzo(k)fluoranthene	24.489	252	389401	46.493	ng		99
90) Benzo(a)pyrene	25.370	252	353540	43.906	ng	#	97
91) Dibenzo(a,h)anthracene	29.641	278	368202	48.114	ng		98
92) Benzo(g,h,i)perylene	30.863	276	357048	47.783	ng		99

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

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