Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
Data File : BG057796.D
Acq On : 21 Jun 2023 22:53
Operator : CG/JU
Sample : 03289-17MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-06-12.0-14.0-DUPMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 22 04:54:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 03:40:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.921	152	29273	20.000	ng		0.00
21) Naphthalene-d8	10.724	136	141911	20.000	ng		0.00
39) Acenaphthene-d10	14.560	164	109513	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	272187	20.000	ng		0.00
76) Chrysene-d12	21.552	240	224650	20.000	ng		0.00
86) Perylene-d12	24.701	264	282879	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.494	112	189320	99.721	ng		0.00
7) Phenol-d6	7.081	99	273707	94.485	ng		0.00
23) Nitrobenzene-d5	9.084	82	157211	56.857	ng		0.00
42) 2,4,6-Tribromophenol	16.047	330	159714	104.696	ng		0.00
45) 2-Fluorobiphenyl	13.179	172	397789	55.093	ng		0.00
79) Terphenyl-d14	19.919	244	835891	69.382	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.397	88	36353	42.066	ng		90
3) Pyridine	3.790	79	93480	35.516	ng		93
4) n-Nitrosodimethylamine	3.702	42	51978	43.219	ng		88
6) Aniline	7.245	93	172520	46.512	ng		99
8) 2-Chlorophenol	7.486	128	113306	58.014	ng		98
9) Benzaldehyde	7.057	77	63673m	34.957	ng		
10) Phenol	7.110	94	167549	58.744	ng		98
11) bis(2-Chloroethyl)ether	7.339	93	104805	47.793	ng		96
12) 1,3-Dichlorobenzene	7.809	146	100211	50.417	ng		98
13) 1,4-Dichlorobenzene	7.956	146	104230	51.754	ng		93
14) 1,2-Dichlorobenzene	8.273	146	101686	52.180	ng		98
15) Benzyl Alcohol	8.156	79	116855	52.756	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.456	45	185370	44.004	ng		98
17) 2-Methylphenol	8.362	107	112338	53.551	ng		98
18) Hexachloroethane	9.008	117	35649	50.200	ng		90
19) n-Nitroso-di-n-propyla...	8.726	70	95497	47.285	ng		97
20) 3+4-Methylphenols	8.691	107	158891	54.833	ng		97
22) Acetophenone	8.743	105	186831	46.949	ng	#	97
24) Nitrobenzene	9.125	77	134398	46.703	ng		94
25) Isophorone	9.648	82	289428	45.816	ng		98
26) 2-Nitrophenol	9.836	139	60523	66.107	ng		91
27) 2,4-Dimethylphenol	9.895	122	119901	52.897	ng		97
28) bis(2-Chloroethoxy)met...	10.130	93	162144	47.662	ng		99
29) 2,4-Dichlorophenol	10.371	162	120629	56.042	ng		97
30) 1,2,4-Trichlorobenzene	10.588	180	115634	48.195	ng		99
31) Naphthalene	10.776	128	349954	46.334	ng		98
32) Benzoic acid	10.030	122	107640	64.499	ng		97
33) 4-Chloroaniline	10.882	127	130561	37.307	ng		97
34) Hexachlorobutadiene	11.058	225	67565	46.158	ng		97
35) Caprolactam	11.658	113	49872m	57.097	ng		
36) 4-Chloro-3-methylphenol	12.004	107	154286	54.884	ng		98
37) 2-Methylnaphthalene	12.386	142	254210	46.175	ng		96
38) 1-Methylnaphthalene	12.604	142	240550	46.287	ng		97
40) 1,2,4,5-Tetrachloroben...	12.751	216	142545	46.952	ng		99
41) Hexachlorocyclopentadiene	12.733	237	172571	107.066	ng		100
43) 2,4,6-Trichlorophenol	12.986	196	114824	52.820	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.062	196	128585	50.745	ng	95
46) 1,1'-Biphenyl	13.391	154	350638	46.631	ng	98
47) 2-Chloronaphthalene	13.432	162	276135	47.800	ng	97
48) 2-Nitroaniline	13.638	65	114364	55.708	ng	95
49) Acenaphthylene	14.284	152	465835	46.980	ng	98
50) Dimethylphthalate	14.014	163	396255	47.110	ng	99
51) 2,6-Dinitrotoluene	14.131	165	88337	57.032	ng	94
52) Acenaphthene	14.625	154	335518m	54.658	ng	
53) 3-Nitroaniline	14.460	138	79487	45.538	ng	98
54) 2,4-Dinitrophenol	14.666	184	108244	127.854	ng	99
55) Dibenzofuran	14.954	168	463377	46.947	ng	99
56) 4-Nitrophenol	14.772	139	161740	116.594	ng	96
57) 2,4-Dinitrotoluene	14.919	165	126160	60.063	ng	94
58) Fluorene	15.606	166	373374	47.788	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.177	232	117656	54.483	ng	99
60) Diethylphthalate	15.377	149	408157	47.299	ng	98
61) 4-Chlorophenyl-phenyle...	15.600	204	197357	47.506	ng	97
62) 4-Nitroaniline	15.630	138	94337	53.013	ng	98
63) Azobenzene	15.894	77	428403	48.534	ng	98
65) 4,6-Dinitro-2-methylph...	15.682	198	76775	59.918	ng	91
66) n-Nitrosodiphenylamine	15.812	169	340216	47.358	ng	99
67) 4-Bromophenyl-phenylether	16.493	248	134456	46.579	ng	96
68) Hexachlorobenzene	16.605	284	151471	51.473	ng	98
69) Atrazine	16.763	200	138263	56.067	ng	96
70) Pentachlorophenol	16.951	266	202684	93.230	ng	98
71) Phenanthrene	17.345	178	618814	46.955	ng	100
72) Anthracene	17.433	178	635103	47.194	ng	99
73) Carbazole	17.704	167	599011	48.276	ng	99
74) Di-n-butylphthalate	18.268	149	705348	48.010	ng	99
75) Fluoranthene	19.355	202	733432	46.716	ng	100
77) Benzidine	19.537	184	420241	79.802	ng	99
78) Pyrene	19.719	202	749855	46.792	ng	100
80) Butylbenzylphthalate	20.606	149	315399	51.737	ng	94
81) Benzo(a)anthracene	21.534	228	743112	48.213	ng	100
82) 3,3'-Dichlorobenzidine	21.452	252	223565	42.647	ng	99
83) Chrysene	21.605	228	692589	46.823	ng	99
84) Bis(2-ethylhexyl)phtha...	21.452	149	441856	49.922	ng	98
85) Di-n-octyl phthalate	22.639	149	794886	51.202	ng	97
87) Indeno(1,2,3-cd)pyrene	28.297	276	914593	49.451	ng	100
88) Benzo(b)fluoranthene	23.708	252	776136	50.069	ng	99
89) Benzo(k)fluoranthene	23.773	252	766457	48.547	ng	100
90) Benzo(a)pyrene	24.554	252	696486	45.749	ng	98
91) Dibenzo(a,h)anthracene	28.362	278	762527	49.690	ng	100
92) Benzo(g,h,i)perylene	29.419	276	749071	48.751	ng	99

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

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