Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062823\
Data File : BG057896.D
Acq On : 28 Jun 2023 17:17
Operator : CG/JU
Sample : 03415-08MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESII-TP1MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

Quant Time: Jun 28 18:55:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 01:12:33 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	62257	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	256541	20.000	ng	0.00
39) Acenaphthene-d10	14.558	164	159213	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	339383	20.000	ng	0.00
76) Chrysene-d12	21.561	240	275076	20.000	ng	0.00
86) Perylene-d12	24.716	264	322498	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	435238	106.962	ng	0.00
7) Phenol-d6	7.090	99	597193	98.146	ng	0.00
23) Nitrobenzene-d5	9.088	82	357974	68.385	ng	0.00
42) 2,4,6-Tribromophenol	16.050	330	245360	91.753	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	728967	69.871	ng	0.00
79) Terphenyl-d14	19.916	244	1023713	67.847	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.394	88	59491	31.897	ng	99
3) Pyridine	3.788	79	166776	30.987	ng	98
4) n-Nitrosodimethylamine	3.706	42	83915	37.827	ng	93
6) Aniline	7.248	93	198207	26.075	ng	99
8) 2-Chlorophenol	7.489	128	187946	46.011	ng	99
9) Benzaldehyde	7.060	77	154314m	52.101	ng	
10) Phenol	7.119	94	250705	42.400	ng	95
11) bis(2-Chloroethyl)ether	7.342	93	180672	40.530	ng	99
12) 1,3-Dichlorobenzene	7.813	146	191471	45.571	ng	99
13) 1,4-Dichlorobenzene	7.959	146	193746	45.908	ng	96
14) 1,2-Dichlorobenzene	8.277	146	189194	46.324	ng	99
15) Benzyl Alcohol	8.159	79	177404	39.572	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.447	45	300463m	40.478	ng	
17) 2-Methylphenol	8.365	107	172287	39.303	ng	98
18) Hexachloroethane	9.005	117	67063	45.603	ng	97
19) n-Nitroso-di-n-propyla...	8.729	70	146507	35.983	ng	97
20) 3+4-Methylphenols	8.694	107	237874	38.949	ng	100
22) Acetophenone	8.747	105	288125	40.355	ng	99
24) Nitrobenzene	9.129	77	217839	41.459	ng	100
25) Isophorone	9.646	82	415940	36.801	ng	99
26) 2-Nitrophenol	9.840	139	98073	45.807	ng	97
27) 2,4-Dimethylphenol	9.898	122	179416	43.463	ng	100
28) bis(2-Chloroethoxy)met...	10.133	93	243728	40.128	ng	99
29) 2,4-Dichlorophenol	10.374	162	179686	44.385	ng	97
30) 1,2,4-Trichlorobenzene	10.586	180	202234	46.402	ng	99
31) Naphthalene	10.780	128	579068	42.286	ng	98
32) Benzoic acid	10.039	122	127072	39.358	ng	97
33) 4-Chloroaniline	10.885	127	158656	24.625	ng	98
34) Hexachlorobutadiene	11.056	225	123719	46.024	ng	96
35) Caprolactam	11.679	113	58141m	33.139	ng	
36) 4-Chloro-3-methylphenol	12.013	107	203630	37.887	ng	98
37) 2-Methylnaphthalene	12.384	142	390726	38.706	ng	99
38) 1-Methylnaphthalene	12.607	142	368131	38.594	ng	100
40) 1,2,4,5-Tetrachloroben...	12.754	216	219387	49.253	ng	100
41) Hexachlorocyclopentadiene	12.730	237	70775	29.557	ng	96
43) 2,4,6-Trichlorophenol	12.989	196	154262	46.982	ng	98

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44) 2,4,5-Trichlorophenol	13.065	196	166831	42.690	ng		98
46) 1,1'-Biphenyl	13.394	154	489920	45.177	ng		99
47) 2-Chloronaphthalene	13.435	162	389128	46.724	ng		98
48) 2-Nitroaniline	13.641	65	140380	42.304	ng		93
49) Acenaphthylene	14.281	152	614427	42.068	ng		100
50) Dimethylphthalate	14.017	163	483017	38.277	ng		99
51) 2,6-Dinitrotoluene	14.135	165	104892	40.034	ng		98
52) Acenaphthene	14.622	154	368658	43.208	ng		99
53) 3-Nitroaniline	14.464	138	99883	33.534	ng		98
54) 2,4-Dinitrophenol	14.669	184	18454	12.749	ng		92
55) Dibenzofuran	14.957	168	602539	41.172	ng		98
56) 4-Nitrophenol	14.781	139	188837	77.328	ng		98
57) 2,4-Dinitrotoluene	14.922	165	142401	37.456	ng		98
58) Fluorene	15.609	166	466212	39.470	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.180	232	140946	39.786	ng		99
60) Diethylphthalate	15.374	149	476325	35.809	ng		99
61) 4-Chlorophenyl-phenyle...	15.598	204	248425	39.211	ng		98
62) 4-Nitroaniline	15.627	138	108360	34.682	ng		99
63) Azobenzene	15.891	77	495963	38.990	ng		99
65) 4,6-Dinitro-2-methylph...	15.680	198	15825	8.665	ng		98
66) n-Nitrosodiphenylamine	15.815	169	397093	45.848	ng		100
67) 4-Bromophenyl-phenylether	16.491	248	162468	45.350	ng		99
68) Hexachlorobenzene	16.608	284	179139	47.352	ng		98
69) Atrazine	16.761	200	155828	48.446	ng		99
70) Pentachlorophenol	16.955	266	237045	81.934	ng		98
71) Phenanthrene	17.348	178	999234	61.335	ng		99
72) Anthracene	17.437	178	789124	46.965	ng		99
73) Carbazole	17.707	167	696461	43.594	ng		100
74) Di-n-butylphthalate	18.265	149	796944	40.360	ng		100
75) Fluoranthene	19.358	202	1126059	54.866	ng		97
77) Benzidine	19.540	184	528118	81.834	ng		99
78) Pyrene	19.722	202	1098193	55.912	ng		99
80) Butylbenzylphthalate	20.603	149	346195	43.466	ng		98
81) Benzo(a)anthracene	21.544	228	957740	50.312	ng		99
82) 3,3'-Dichlorobenzidine	21.461	252	284394	41.986	ng		100
83) Chrysene	21.608	228	888881	49.331	ng		99
84) Bis(2-ethylhexyl)phtha...	21.449	149	492974	43.595	ng		99
85) Di-n-octyl phthalate	22.636	149	884866	44.344	ng		98
87) Indeno(1,2,3-cd)pyrene	28.312	276	604778	28.308	ng	#	93
88) Benzo(b)fluoranthene	23.717	252	832378	47.322	ng		100
89) Benzo(k)fluoranthene	23.782	252	908481	51.103	ng		99
90) Benzo(a)pyrene	24.569	252	766338	43.981	ng		99
91) Dibenzo(a,h)anthracene	28.371	278	523184	29.522	ng		100
92) Benzo(g,h,i)perylene	29.428	276	420845m	23.895	ng		

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

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