Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
Data File : BG057650.D
Acq On : 6 Jun 2023 23:45
Operator : CG/JU
Sample : 03001-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP16-0AMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 07 02:51:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 03:51:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.339	152	21867	20.000	ng		0.00
21) Naphthalene-d8	11.177	136	95838	20.000	ng	#	0.00
39) Acenaphthene-d10	14.954	164	73333	20.000	ng		0.00
64) Phenanthrene-d10	17.697	188	179622	20.000	ng		0.00
76) Chrysene-d12	22.003	240	158308	20.000	ng		0.00
86) Perylene-d12	25.493	264	173767	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.860	112	150437	119.520	ng		0.00
7) Phenol-d6	7.488	99	226352	114.911	ng		0.00
23) Nitrobenzene-d5	9.520	82	136194	66.430	ng		0.00
42) 2,4,6-Tribromophenol	16.440	330	109289	93.085	ng		0.00
45) 2-Fluorobiphenyl	13.579	172	328815	64.438	ng		0.00
79) Terphenyl-d14	20.264	244	598446	65.483	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.646	88	22404	42.961	ng		95
3) Pyridine	4.069	79	62886	39.444	ng		99
4) n-Nitrosodimethylamine	3.981	42	30211	46.833	ng		80
6) Aniline	7.652	93	75981	31.885	ng		97
8) 2-Chlorophenol	7.905	128	80151	59.315	ng		95
9) Benzaldehyde	7.464	77	48954	37.510	ng		97
10) Phenol	7.517	94	112214	60.188	ng		99
11) bis(2-Chloroethyl)ether	7.740	93	75307	54.095	ng		96
12) 1,3-Dichlorobenzene	8.228	146	80492	55.912	ng		98
13) 1,4-Dichlorobenzene	8.375	146	82256	56.163	ng		99
14) 1,2-Dichlorobenzene	8.698	146	79679	55.776	ng		99
15) Benzyl Alcohol	8.580	79	82900	54.710	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.856	45	97666	56.499	ng		97
17) 2-Methylphenol	8.786	107	77614	56.689	ng		97
18) Hexachloroethane	9.432	117	29528	58.879	ng		88
19) n-Nitroso-di-n-propyla...	9.138	70	69948	51.113	ng		97
20) 3+4-Methylphenols	9.115	107	106590	55.459	ng		98
22) Acetophenone	9.168	105	129209	50.419	ng	#	98
24) Nitrobenzene	9.561	77	102333	49.173	ng		99
25) Isophorone	10.084	82	194213	48.195	ng		98
26) 2-Nitrophenol	10.284	139	47752	53.516	ng		98
27) 2,4-Dimethylphenol	10.325	122	86661	56.175	ng		98
28) bis(2-Chloroethoxy)met...	10.554	93	111197	53.216	ng		99
29) 2,4-Dichlorophenol	10.830	162	90548	55.884	ng		96
30) 1,2,4-Trichlorobenzene	11.036	180	89857	50.885	ng		96
31) Naphthalene	11.230	128	254496	50.199	ng		98
32) Benzoic acid	10.495	122	39129m	44.127	ng		
33) 4-Chloroaniline	11.335	127	48277	20.707	ng		98
34) Hexachlorobutadiene	11.494	225	61908	50.686	ng		98
35) Caprolactam	12.117	113	31646m	47.114	ng		
36) 4-Chloro-3-methylphenol	12.440	107	102373	53.378	ng		97
37) 2-Methylnaphthalene	12.804	142	192892	48.477	ng		97
38) 1-Methylnaphthalene	13.021	142	184961	48.711	ng		99
40) 1,2,4,5-Tetrachloroben...	13.168	216	125886	52.300	ng		99
41) Hexachlorocyclopentadiene	13.139	237	57711	88.550	ng		95
43) 2,4,6-Trichlorophenol	13.409	196	80484	53.112	ng		98

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44) 2,4,5-Trichlorophenol	13.491	196	85835	47.559	ng	96
46) 1,1'-Biphenyl	13.791	154	279538	53.335	ng	98
47) 2-Chloronaphthalene	13.844	162	211198	53.498	ng	96
48) 2-Nitroaniline	14.049	65	69679	50.388	ng	98
49) Acenaphthylene	14.684	152	340069	50.870	ng	99
50) Dimethylphthalate	14.396	163	287632	47.590	ng	98
51) 2,6-Dinitrotoluene	14.531	165	64772	50.063	ng	99
52) Acenaphthene	15.019	154	210421	51.441	ng	99
53) 3-Nitroaniline	14.866	138	34135	25.295	ng	95
54) 2,4-Dinitrophenol	15.083	184	67870	86.352	ng	97
55) Dibenzofuran	15.353	168	343950	49.209	ng	98
56) 4-Nitrophenol	15.183	139	84293	93.751	ng	91
57) 2,4-Dinitrotoluene	15.318	165	93224	48.124	ng	99
58) Fluorene	16.000	166	287528	48.721	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.582	232	83965m	49.660	ng	
60) Diethylphthalate	15.741	149	295915	46.908	ng	99
61) 4-Chlorophenyl-phenyle...	15.976	204	160849	48.906	ng	99
62) 4-Nitroaniline	16.023	138	63588	43.682	ng	90
63) Azobenzene	16.270	77	309931	55.244	ng	98
65) 4,6-Dinitro-2-methylph...	16.088	198	56405	51.573	ng	91
66) n-Nitrosodiphenylamine	16.193	169	253517	54.302	ng	99
67) 4-Bromophenyl-phenylether	16.869	248	108158	53.680	ng	98
68) Hexachlorobenzene	17.004	284	114953	55.347	ng	96
69) Atrazine	17.127	200	110970	55.363	ng	99
70) Pentachlorophenol	17.351	266	93345	88.205	ng	98
71) Phenanthrene	17.738	178	473657	51.530	ng	98
72) Anthracene	17.832	178	476280	50.509	ng	99
73) Carbazole	18.097	167	433919	51.439	ng	100
74) Di-n-butylphthalate	18.608	149	506252	50.554	ng	99
75) Fluoranthene	19.730	202	570285	47.791	ng	99
77) Benzidine	19.894	184	242787	50.682	ng	99
78) Pyrene	20.094	202	579193	51.384	ng	98
80) Butylbenzylphthalate	20.940	149	220069	53.608	ng	97
81) Benzo(a)anthracene	21.980	228	559593	50.952	ng	99
82) 3,3'-Dichlorobenzidine	21.874	252	111170	27.449	ng	100
83) Chrysene	22.050	228	514251	49.548	ng	99
84) Bis(2-ethylhexyl)phtha...	21.821	149	316171	53.993	ng	98
85) Di-n-octyl phthalate	23.108	149	530442	54.650	ng	99
87) Indeno(1,2,3-cd)pyrene	29.540	276	633123	52.259	ng	98
88) Benzo(b)fluoranthene	24.376	252	574667	53.728	ng	99
89) Benzo(k)fluoranthene	24.447	252	543936	50.390	ng	98
90) Benzo(a)pyrene	25.328	252	500285	47.962	ng	99
91) Dibenzo(a,h)anthracene	29.593	278	526593	52.227	ng	99
92) Benzo(g,h,i)perylene	30.815	276	510115	51.876	ng	98

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

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