Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080323\
Data File : BG058597.D
Acq On : 3 Aug 2023 17:43
Operator : MA/JU
Sample : 03742-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P32BMS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

Quant Time: Aug 03 18:22:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	43962	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	191503	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	130354	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	293168	20.000	ng	0.00
76) Chrysene-d12	21.451	240	251167	20.000	ng	0.00
86) Perylene-d12	24.518	264	321015	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	349300	121.444	ng	0.00
7) Phenol-d6	6.985	99	499718	124.860	ng	0.00
23) Nitrobenzene-d5	8.977	82	295148	75.713	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	233059	109.080	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	668599	76.864	ng	0.00
79) Terphenyl-d14	19.823	244	1133792	84.889	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.266	88	61357	44.023	ng	100
3) Pyridine	3.660	79	152332	40.089	ng	97
4) n-Nitrosodimethylamine	3.584	42	80076	49.737	ng	99
6) Aniline	7.138	93	154200	31.294	ng	99
8) 2-Chlorophenol	7.379	128	171834	60.898	ng	98
9) Benzaldehyde	6.950	77	106193	48.837	ng	97
10) Phenol	7.015	94	233999	59.853	ng	99
11) bis(2-Chloroethyl)ether	7.238	93	167659	54.397	ng	99
12) 1,3-Dichlorobenzene	7.702	146	169713	56.327	ng	99
13) 1,4-Dichlorobenzene	7.849	146	170943	56.504	ng	93
14) 1,2-Dichlorobenzene	8.166	146	168069	58.106	ng	97
15) Benzyl Alcohol	8.055	79	158705	62.529	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.343	45	283207	56.566	ng	99
17) 2-Methylphenol	8.260	107	156321	54.685	ng	100
18) Hexachloroethane	8.889	117	64107	58.299	ng	94
19) n-Nitroso-di-n-propyla...	8.619	70	134763	52.130	ng	99
20) 3+4-Methylphenols	8.589	107	217242	56.183	ng	99
22) Acetophenone	8.636	105	265794	51.835	ng	99
24) Nitrobenzene	9.018	77	202301	51.046	ng	97
25) Isophorone	9.535	82	389886	48.406	ng	100
26) 2-Nitrophenol	9.729	139	93511	54.205	ng	98
27) 2,4-Dimethylphenol	9.794	122	147537	51.559	ng	98
28) bis(2-Chloroethoxy)met...	10.023	93	224613	51.243	ng	99
29) 2,4-Dichlorophenol	10.270	162	165799	55.804	ng	99
30) 1,2,4-Trichlorobenzene	10.475	180	187162	54.623	ng	100
31) Naphthalene	10.663	128	527040	52.217	ng	100
32) Benzoic acid	9.958	122	123749	55.826	ng	97
33) 4-Chloroaniline	10.775	127	100887	23.658	ng	99
34) Hexachlorobutadiene	10.945	225	116022	52.580	ng	98
35) Caprolactam	11.562	113	55421m	50.513	ng	
36) 4-Chloro-3-methylphenol	11.915	107	198796	54.089	ng	100
37) 2-Methylnaphthalene	12.279	142	359602	49.807	ng	97
38) 1-Methylnaphthalene	12.497	142	346383	50.470	ng	99
40) 1,2,4,5-Tetrachloroben...	12.649	216	213414	53.327	ng	99
41) Hexachlorocyclopentadiene	12.626	237	141905	76.653	ng	99
43) 2,4,6-Trichlorophenol	12.896	196	150258	54.587	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.973	196	165136	50.934	ng	98
46) 1,1'-Biphenyl	13.296	154	465612	52.012	ng	99
47) 2-Chloronaphthalene	13.337	162	380035	54.446	ng	99
48) 2-Nitroaniline	13.548	65	143044	53.691	ng	99
49) Acenaphthylene	14.183	152	619621	53.022	ng	99
50) Dimethylphthalate	13.918	163	480216	49.052	ng	99
51) 2,6-Dinitrotoluene	14.042	165	111229	51.781	ng	97
52) Acenaphthene	14.530	154	350301	51.878	ng	100
53) 3-Nitroaniline	14.377	138	80954	37.668	ng	99
54) 2,4-Dinitrophenol	14.588	184	95647	79.082	ng	98
55) Dibenzofuran	14.864	168	587451	50.630	ng	99
56) 4-Nitrophenol	14.694	139	167034	103.853	ng	98
57) 2,4-Dinitrotoluene	14.835	165	155014	52.052	ng	99
58) Fluorene	15.511	166	465077	50.456	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.094	232	142380	51.464	ng	99
60) Diethylphthalate	15.282	149	489666	49.097	ng	100
61) 4-Chlorophenyl-phenyle...	15.499	204	258452	50.294	ng	99
62) 4-Nitroaniline	15.540	138	106086	52.108	ng	95
63) Azobenzene	15.793	77	490626	49.944	ng	99
65) 4,6-Dinitro-2-methylph...	15.599	198	78838	48.771	ng	99
66) n-Nitrosodiphenylamine	15.722	169	404759	53.046	ng	98
67) 4-Bromophenyl-phenylether	16.398	248	174872	52.591	ng	100
68) Hexachlorobenzene	16.515	284	197172	55.959	ng	98
69) Atrazine	16.668	200	163042	63.297	ng	99
70) Pentachlorophenol	16.862	266	200761	94.134	ng	99
71) Phenanthrene	17.250	178	734775	52.849	ng	100
72) Anthracene	17.338	178	750644	52.618	ng	99
73) Carbazole	17.614	167	689556	54.813	ng	99
74) Di-n-butylphthalate	18.166	149	859342	54.537	ng	100
75) Fluoranthene	19.265	202	882607	52.848	ng	99
77) Benzidine	19.447	184	280083	73.538	ng	98
78) Pyrene	19.629	202	904687	52.926	ng	100
80) Butylbenzylphthalate	20.511	149	389837	55.523	ng	99
81) Benzo(a)anthracene	21.433	228	929671	53.785	ng	100
82) 3,3'-Dichlorobenzidine	21.351	252	257474	44.056	ng	98
83) Chrysene	21.492	228	857378	51.734	ng	100
84) Bis(2-ethylhexyl)phtha...	21.333	149	561624	54.737	ng	98
85) Di-n-octyl phthalate	22.485	149	995172	55.168	ng	100
87) Indeno(1,2,3-cd)pyrene	28.020	276	1150081	53.853	ng	100
88) Benzo(b)fluoranthene	23.548	252	981015	56.344	ng	100
89) Benzo(k)fluoranthene	23.613	252	942244	53.870	ng	100
90) Benzo(a)pyrene	24.377	252	876042	51.234	ng	98
91) Dibenzo(a,h)anthracene	28.072	278	958455	54.277	ng	99
92) Benzo(g,h,i)perylene	29.112	276	899316	50.788	ng	98

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

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