Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081123\
Data File : BG058698.D
Acq On : 11 Aug 2023 11:05
Operator : MA/JU
Sample : PB154756BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 11 11:45:20 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

Instrument :
BNA_G
ClientSampleId :
PB154756BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	46189	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	201564	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	144462	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	364356	20.000	ng	0.00
76) Chrysene-d12	21.454	240	321640	20.000	ng	0.00
86) Perylene-d12	24.521	264	410065	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	373993	123.759	ng	0.00
7) Phenol-d6	6.983	99	505449	120.203	ng	0.00
23) Nitrobenzene-d5	8.975	82	301638	73.515	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	260920	110.193	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	687347	71.303	ng	0.00
79) Terphenyl-d14	19.827	244	1352378	79.069	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	44894	30.658	ng	98
3) Pyridine	3.658	79	112427	28.161	ng	96
4) n-Nitrosodimethylamine	3.575	42	68544	40.521	ng	92
6) Aniline	7.136	93	170324	32.899	ng	99
8) 2-Chlorophenol	7.377	128	138395	46.683	ng	98
9) Benzaldehyde	6.948	77	74204	32.481	ng	96
10) Phenol	7.012	94	192130	46.774	ng	97
11) bis(2-Chloroethyl)ether	7.236	93	135199	41.750	ng	99
12) 1,3-Dichlorobenzene	7.700	146	132125	41.737	ng	99
13) 1,4-Dichlorobenzene	7.847	146	132536	41.697	ng	95
14) 1,2-Dichlorobenzene	8.164	146	131072	43.130	ng	98
15) Benzyl Alcohol	8.052	79	135490	50.808	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.340	45	229448	43.619	ng	97
17) 2-Methylphenol	8.258	107	131046	43.633	ng	98
18) Hexachloroethane	8.887	117	48026	41.569	ng	93
19) n-Nitroso-di-n-propyla...	8.616	70	110785	40.788	ng	100
20) 3+4-Methylphenols	8.587	107	178390	43.911	ng	96
22) Acetophenone	8.634	105	217492	40.298	ng	99
24) Nitrobenzene	9.022	77	165315	39.632	ng	96
25) Isophorone	9.539	82	324523	38.280	ng	100
26) 2-Nitrophenol	9.727	139	74381	40.964	ng	99
27) 2,4-Dimethylphenol	9.791	122	123901	41.138	ng	98
28) bis(2-Chloroethoxy)met...	10.021	93	185557	40.220	ng	100
29) 2,4-Dichlorophenol	10.267	162	135414	43.302	ng	96
30) 1,2,4-Trichlorobenzene	10.479	180	144629	40.103	ng	98
31) Naphthalene	10.661	128	413376	38.911	ng	99
32) Benzoic acid	9.962	122	71619	32.750	ng	98
33) 4-Chloroaniline	10.779	127	113580	25.305	ng	99
34) Hexachlorobutadiene	10.943	225	89819	38.673	ng	99
35) Caprolactam	11.554	113	48311m	41.835	ng	
36) 4-Chloro-3-methylphenol	11.913	107	166322	42.995	ng	99
37) 2-Methylnaphthalene	12.277	142	287030	37.771	ng	98
38) 1-Methylnaphthalene	12.500	142	278094	38.498	ng	97
40) 1,2,4,5-Tetrachloroben...	12.653	216	170113	38.356	ng	99
41) Hexachlorocyclopentadiene	12.623	237	140516	69.216	ng	98
43) 2,4,6-Trichlorophenol	12.894	196	122304	40.093	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	137043	38.141	ng	97
46) 1,1'-Biphenyl	13.293	154	387010	39.009	ng	99
47) 2-Chloronaphthalene	13.334	162	306070	39.567	ng	98
48) 2-Nitroaniline	13.546	65	125137	42.383	ng	98
49) Acenaphthylene	14.186	152	519912	40.145	ng	100
50) Dimethylphthalate	13.922	163	434841	40.080	ng	98
51) 2,6-Dinitrotoluene	14.045	165	98751	41.482	ng	99
52) Acenaphthene	14.527	154	291532	38.958	ng	99
53) 3-Nitroaniline	14.374	138	72032	30.243	ng	97
54) 2,4-Dinitrophenol	14.592	184	108706	80.911	ng	99
55) Dibenzofuran	14.862	168	504498	39.234	ng	100
56) 4-Nitrophenol	14.698	139	150995	85.326	ng	94
57) 2,4-Dinitrotoluene	14.839	165	138638	42.007	ng	94
58) Fluorene	15.508	166	408439	39.984	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.091	232	123757	40.364	ng	100
60) Diethylphthalate	15.279	149	447658	40.501	ng	99
61) 4-Chlorophenyl-phenyle...	15.502	204	223200	39.192	ng	98
62) 4-Nitroaniline	15.544	138	102394	45.383	ng	98
63) Azobenzene	15.796	77	436667	40.110	ng	99
65) 4,6-Dinitro-2-methylph...	15.602	198	84553	42.087	ng	96
66) n-Nitrosodiphenylamine	15.720	169	368984	38.909	ng	99
67) 4-Bromophenyl-phenylether	16.396	248	157868	38.201	ng	95
68) Hexachlorobenzene	16.519	284	177985	40.644	ng	98
69) Atrazine	16.672	200	154958	48.405	ng	98
70) Pentachlorophenol	16.866	266	180006	67.912	ng	98
71) Phenanthrene	17.253	178	683365	39.548	ng	99
72) Anthracene	17.341	178	696007	39.256	ng	100
73) Carbazole	17.612	167	664523	42.503	ng	99
74) Di-n-butylphthalate	18.164	149	810953	41.410	ng	100
75) Fluoranthene	19.269	202	857650	41.320	ng	99
77) Benzidine	19.451	184	354182	72.617	ng	98
78) Pyrene	19.627	202	879564	40.182	ng	99
80) Butylbenzylphthalate	20.514	149	358713	39.896	ng	99
81) Benzo(a)anthracene	21.431	228	898592	40.596	ng	99
82) 3,3'-Dichlorobenzidine	21.354	252	272295	36.383	ng	100
83) Chrysene	21.495	228	831770	39.192	ng	99
84) Bis(2-ethylhexyl)phtha...	21.337	149	522745	39.785	ng	100
85) Di-n-octyl phthalate	22.488	149	937047	40.564	ng	99
87) Indeno(1,2,3-cd)pyrene	28.035	276	1136529	41.661	ng	99
88) Benzo(b)fluoranthene	23.552	252	961897	43.249	ng	99
89) Benzo(k)fluoranthene	23.616	252	895430	40.076	ng	100
90) Benzo(a)pyrene	24.386	252	846655	38.763	ng	98
91) Dibenzo(a,h)anthracene	28.088	278	940162	41.679	ng	99
92) Benzo(g,h,i)perylene	29.134	276	916571	40.522	ng	99

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

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