Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081123\
Data File : BG058700.D
Acq On : 11 Aug 2023 12:28
Operator : MA/JU
Sample : PB154732BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 11 13:01:53 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 :
PB154732BSD

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	41997	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	182925	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	131172	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	323589	20.000	ng	0.00
76) Chrysene-d12	21.448	240	284706	20.000	ng	0.00
86) Perylene-d12	24.521	264	361079	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	371314	135.138	ng	0.00
7) Phenol-d6	6.983	99	507097	132.632	ng	0.00
23) Nitrobenzene-d5	8.975	82	302347	81.197	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	261980	121.851	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	689482	78.771	ng	0.00
79) Terphenyl-d14	19.827	244	1319895	87.181	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	47663	35.798	ng	98
3) Pyridine	3.657	79	119362	32.882	ng	96
4) n-Nitrosodimethylamine	3.581	42	70473	45.820	ng	97
6) Aniline	7.136	93	178489	37.918	ng	99
8) 2-Chlorophenol	7.377	128	145345	53.921	ng	99
9) Benzaldehyde	6.948	77	80022	38.524	ng	98
10) Phenol	7.012	94	201261	53.888	ng	99
11) bis(2-Chloroethyl)ether	7.236	93	140994	47.886	ng	96
12) 1,3-Dichlorobenzene	7.700	146	135719	47.152	ng	98
13) 1,4-Dichlorobenzene	7.847	146	139077	48.122	ng	98
14) 1,2-Dichlorobenzene	8.164	146	136638	49.450	ng	99
15) Benzyl Alcohol	8.052	79	140954	58.133	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.334	45	236401	49.427	ng	97
17) 2-Methylphenol	8.264	107	137751	50.443	ng	98
18) Hexachloroethane	8.887	117	51020	48.569	ng	94
19) n-Nitroso-di-n-propyla...	8.616	70	116929	47.347	ng	99
20) 3+4-Methylphenols	8.587	107	188449	51.017	ng	97
22) Acetophenone	8.634	105	228802	46.713	ng	98
24) Nitrobenzene	9.016	77	172839	45.657	ng	96
25) Isophorone	9.539	82	346299	45.011	ng	100
26) 2-Nitrophenol	9.727	139	78119	47.407	ng	99
27) 2,4-Dimethylphenol	9.791	122	131006	47.929	ng	99
28) bis(2-Chloroethoxy)met...	10.021	93	195213	46.624	ng	98
29) 2,4-Dichlorophenol	10.267	162	141080	49.711	ng	99
30) 1,2,4-Trichlorobenzene	10.479	180	151377	46.251	ng	97
31) Naphthalene	10.661	128	431224	44.727	ng	99
32) Benzoic acid	9.962	122	75841	37.453	ng	94
33) 4-Chloroaniline	10.778	127	117038	28.732	ng	97
34) Hexachlorobutadiene	10.943	225	95659	45.384	ng	99
35) Caprolactam	11.560	113	52260m	49.866	ng	
36) 4-Chloro-3-methylphenol	11.912	107	174446	49.690	ng	97
37) 2-Methylnaphthalene	12.277	142	301267	43.684	ng	98
38) 1-Methylnaphthalene	12.500	142	290928	44.378	ng	99
40) 1,2,4,5-Tetrachloroben...	12.647	216	177649	44.113	ng	99
41) Hexachlorocyclopentadiene	12.623	237	152351	81.327	ng	97
43) 2,4,6-Trichlorophenol	12.894	196	129991	46.930	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	144484	44.286	ng	98
46) 1,1'-Biphenyl	13.293	154	406706	45.148	ng	99
47) 2-Chloronaphthalene	13.334	162	322620	45.933	ng	99
48) 2-Nitroaniline	13.546	65	129721	48.387	ng	99
49) Acenaphthylene	14.180	152	542014	46.092	ng	100
50) Dimethylphthalate	13.922	163	451922	45.874	ng	100
51) 2,6-Dinitrotoluene	14.045	165	102436	47.390	ng	98
52) Acenaphthene	14.527	154	305640	44.981	ng	99
53) 3-Nitroaniline	14.374	138	73061	33.783	ng	97
54) 2,4-Dinitrophenol	14.592	184	115593	93.473	ng	97
55) Dibenzofuran	14.862	168	521473	44.663	ng	98
56) 4-Nitrophenol	14.697	139	156728	97.063	ng	98
57) 2,4-Dinitrotoluene	14.838	165	146819	48.993	ng	98
58) Fluorene	15.508	166	423905	45.703	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.091	232	133881	48.090	ng	98
60) Diethylphthalate	15.279	149	462768	46.110	ng	99
61) 4-Chlorophenyl-phenyle...	15.496	204	232030	44.871	ng	98
62) 4-Nitroaniline	15.543	138	103169	50.359	ng	98
63) Azobenzene	15.796	77	452056	45.731	ng	100
65) 4,6-Dinitro-2-methylph...	15.602	198	89471	50.145	ng	97
66) n-Nitrosodiphenylamine	15.720	169	386442	45.884	ng	99
67) 4-Bromophenyl-phenylether	16.395	248	164494	44.819	ng	98
68) Hexachlorobenzene	16.513	284	187021	48.088	ng	99
69) Atrazine	16.666	200	158606	55.786	ng	100
70) Pentachlorophenol	16.860	266	181875	77.262	ng	97
71) Phenanthrene	17.247	178	707009	46.071	ng	99
72) Anthracene	17.341	178	714210	45.358	ng	99
73) Carbazole	17.612	167	670658	48.299	ng	100
74) Di-n-butylphthalate	18.164	149	823785	47.365	ng	99
75) Fluoranthene	19.263	202	867203	47.044	ng	100
77) Benzidine	19.451	184	293294	67.935	ng	98
78) Pyrene	19.627	202	897482	46.320	ng	100
80) Butylbenzylphthalate	20.514	149	370792	46.589	ng	96
81) Benzo(a)anthracene	21.431	228	922687	47.092	ng	100
82) 3,3'-Dichlorobenzidine	21.354	252	274584	41.449	ng	98
83) Chrysene	21.495	228	849568	45.224	ng	99
84) Bis(2-ethylhexyl)phtha...	21.331	149	529045	45.488	ng	100
85) Di-n-octyl phthalate	22.482	149	957916	46.847	ng	99
87) Indeno(1,2,3-cd)pyrene	28.029	276	1166772	48.572	ng	99
88) Benzo(b)fluoranthene	23.552	252	973306	49.699	ng	100
89) Benzo(k)fluoranthene	23.616	252	926632	47.099	ng	99
90) Benzo(a)pyrene	24.380	252	869062	45.186	ng	99
91) Dibenzo(a,h)anthracene	28.082	278	970074	48.840	ng	98
92) Benzo(g,h,i)perylene	29.128	276	933720	46.880	ng	100

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

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