Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122922\
Data File : BG056150.D
Acq On : 29 Dec 2022 11:58
Operator : CG/JU
Sample : PB149954BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 30 04:04:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 05:20:14 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB149954BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/30/2022
Supervised By :Yogesh Patel 12/30/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.335	152	37054	20.000	ng		0.00
21) Naphthalene-d8	11.173	136	151633	20.000	ng		0.00
39) Acenaphthene-d10	14.945	164	136034	20.000	ng		0.00
64) Phenanthrene-d10	17.683	188	393098	20.000	ng		0.00
76) Chrysene-d12	21.978	240	398253	20.000	ng	#	0.00
86) Perylene-d12	25.433	264	440379	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.856	112	335777	161.799	ng		0.00
7) Phenol-d6	7.471	99	483407	151.679	ng		0.00
23) Nitrobenzene-d5	9.510	82	250092	84.366	ng		0.00
42) 2,4,6-Tribromophenol	16.426	330	251763	146.132	ng		0.00
45) 2-Fluorobiphenyl	13.576	172	836854	84.950	ng		0.00
79) Terphenyl-d14	20.256	244	2008648	90.334	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.670	88	34094	35.968	ng	#	96
3) Pyridine	4.087	79	98407	34.085	ng		97
4) n-Nitrosodimethylamine	3.999	42	25328	43.127	ng	#	99
6) Aniline	7.648	93	157936	37.789	ng		97
8) 2-Chlorophenol	7.894	128	109130	52.844	ng		94
9) Benzaldehyde	7.460	77	65483	34.556	ng		92
10) Phenol	7.501	94	169937	52.578	ng		96
11) bis(2-Chloroethyl)ether	7.736	93	94150	42.985	ng		99
12) 1,3-Dichlorobenzene	8.223	146	117530	46.762	ng		97
13) 1,4-Dichlorobenzene	8.370	146	121694	48.217	ng		98
14) 1,2-Dichlorobenzene	8.699	146	119319	48.996	ng		99
15) Benzyl Alcohol	8.564	79	112978	48.708	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.858	45	16565	42.797	ng		96
17) 2-Methylphenol	8.764	107	114075	48.100	ng		98
18) Hexachloroethane	9.440	117	35613	46.448	ng		94
19) n-Nitroso-di-n-propyla...	9.140	70	80396	41.484	ng		99
20) 3+4-Methylphenols	9.093	107	157646	47.279	ng		97
22) Acetophenone	9.164	105	182359	42.533	ng	#	99
24) Nitrobenzene	9.551	77	121712	41.431	ng		98
25) Isophorone	10.074	82	251066	40.253	ng		97
26) 2-Nitrophenol	10.268	139	66736	44.399	ng		97
27) 2,4-Dimethylphenol	10.309	122	130075	47.447	ng		98
28) bis(2-Chloroethoxy)met...	10.550	93	136970	42.253	ng		99
29) 2,4-Dichlorophenol	10.803	162	148602	49.029	ng		97
30) 1,2,4-Trichlorobenzene	11.026	180	151483	44.043	ng		99
31) Naphthalene	11.220	128	345453	43.289	ng		99
32) Benzoic acid	10.433	122	97365	47.866	ng		89
33) 4-Chloroaniline	11.314	127	97282	25.533	ng		97
34) Hexachlorobutadiene	11.496	225	106159	42.915	ng		96
35) Caprolactam	12.072	113	51886m	50.563	ng		
36) 4-Chloro-3-methylphenol	12.407	107	149610	48.646	ng		95
37) 2-Methylnaphthalene	12.800	142	281530	41.781	ng		99
38) 1-Methylnaphthalene	13.018	142	264825	42.323	ng		99
40) 1,2,4,5-Tetrachloroben...	13.159	216	217189	42.598	ng		99
41) Hexachlorocyclopentadiene	13.135	237	292939	100.777	ng		95
43) 2,4,6-Trichlorophenol	13.388	196	156353	46.377	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.459	196	171936	43.112	ng		97
46) 1,1'-Biphenyl	13.788	154	429306	44.066	ng		100
47) 2-Chloronaphthalene	13.835	162	341370	44.393	ng		98
48) 2-Nitroaniline	14.023	65	76254	46.542	ng		99
49) Acenaphthylene	14.675	152	553859	44.260	ng		99
50) Dimethylphthalate	14.387	163	496187	45.184	ng		99
51) 2,6-Dinitrotoluene	14.510	165	107024	45.738	ng		99
52) Acenaphthene	15.010	154	421205	51.753	ng		98
53) 3-Nitroaniline	14.839	138	72044	32.351	ng		93
54) 2,4-Dinitrophenol	15.045	184	176351	105.496	ng		96
55) Dibenzofuran	15.339	168	603122	44.781	ng		98
56) 4-Nitrophenol	15.133	139	180143	105.179	ng		92
57) 2,4-Dinitrotoluene	15.292	165	160741	49.119	ng		92
58) Fluorene	15.985	166	492776	45.490	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.556	232	181965	48.594	ng		97
60) Diethylphthalate	15.732	149	476440	46.263	ng		99
61) 4-Chlorophenyl-phenyle...	15.967	204	301390	44.582	ng		99
62) 4-Nitroaniline	15.997	138	108754	47.675	ng		98
63) Azobenzene	16.261	77	355115	44.684	ng		98
65) 4,6-Dinitro-2-methylph...	16.050	198	115765	43.710	ng		95
66) n-Nitrosodiphenylamine	16.179	169	465800	42.708	ng		98
67) 4-Bromophenyl-phenylether	16.860	248	210631	42.078	ng		98
68) Hexachlorobenzene	16.984	284	213730	45.764	ng		99
69) Atrazine	17.113	200	213448	47.221	ng		99
70) Pentachlorophenol	17.325	266	302821	84.410	ng		99
71) Phenanthrene	17.724	178	905852	44.466	ng		98
72) Anthracene	17.818	178	924467	43.991	ng		99
73) Carbazole	18.077	167	815026	46.140	ng		100
74) Di-n-butylphthalate	18.605	149	812517	46.143	ng		99
75) Fluoranthene	19.710	202	1194720	44.960	ng		99
77) Benzidine	19.875	184	550720	39.460	ng		99
78) Pyrene	20.074	202	1207182	43.005	ng		98
80) Butylbenzylphthalate	20.932	149	353215	43.860	ng		95
81) Benzo(a)anthracene	21.954	228	1240572	44.350	ng		99
82) 3,3'-Dichlorobenzidine	21.855	252	318294	31.610	ng		96
83) Chrysene	22.031	228	1150607	43.914	ng		99
84) Bis(2-ethylhexyl)phtha...	21.825	149	521467	44.945	ng		99
85) Di-n-octyl phthalate	23.118	149	890935	45.487	ng		100
87) Indeno(1,2,3-cd)pyrene	29.422	276	1473794	46.017	ng	#	99
88) Benzo(b)fluoranthene	24.328	252	1317449	47.085	ng		99
89) Benzo(k)fluoranthene	24.405	252	1280540	45.959	ng		100
90) Benzo(a)pyrene	25.274	252	1163570	42.637	ng		100
91) Dibenzo(a,h)anthracene	29.493	278	1232986	45.919	ng		99
92) Benzo(g,h,i)perylene	30.674	276	1187109	45.590	ng		99

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

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