Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
Data File : BG055339.D
Acq On : 28 Oct 2022 13:09
Operator : CG/JU
Sample : PB148450BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 29 05:35:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 04:52:38 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB148450BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.264	152	34501	20.000	ng		0.00
21) Naphthalene-d8	11.096	136	161850	20.000	ng		0.00
39) Acenaphthene-d10	14.879	164	114478	20.000	ng		0.00
64) Phenanthrene-d10	17.611	188	264825	20.000	ng		0.00
76) Chrysene-d12	21.895	240	243073	20.000	ng		0.00
86) Perylene-d12	25.291	264	256904	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.790	112	300896	152.709	ng		0.00
7) Phenol-d6	7.412	99	401796	140.752	ng		0.00
23) Nitrobenzene-d5	9.439	82	244153	77.030	ng		0.00
42) 2,4,6-Tribromophenol	16.360	330	186987	150.254	ng		0.00
45) 2-Fluorobiphenyl	13.505	172	569838	81.473	ng		0.00
79) Terphenyl-d14	20.185	244	1011923	86.495	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.593	88	29942	31.472	ng		96
3) Pyridine	4.016	79	84394	29.457	ng		93
4) n-Nitrosodimethylamine	3.922	42	44732	35.142	ng		93
6) Aniline	7.576	93	150870	40.372	ng		99
8) 2-Chlorophenol	7.823	128	108684	47.444	ng		97
9) Benzaldehyde	7.388	77	65585m	33.649	ng		
10) Phenol	7.441	94	142218	44.478	ng		98
11) bis(2-Chloroethyl)ether	7.670	93	97990	40.597	ng		95
12) 1,3-Dichlorobenzene	8.152	146	109684	43.883	ng		97
13) 1,4-Dichlorobenzene	8.299	146	111436	43.650	ng		100
14) 1,2-Dichlorobenzene	8.622	146	108947	44.324	ng		98
15) Benzyl Alcohol	8.499	79	101388m	42.442	ng		
16) 2,2'-oxybis(1-Chloropr...	8.787	45	147343	37.301	ng		97
17) 2-Methylphenol	8.704	107	100828	44.588	ng		99
18) Hexachloroethane	9.362	117	38779	42.658	ng		93
19) n-Nitroso-di-n-propyla...	9.069	70	88894	37.500	ng		95
20) 3+4-Methylphenols	9.033	107	139075	42.940	ng		99
22) Acetophenone	9.092	105	166550	40.251	ng	#	97
24) Nitrobenzene	9.486	77	125730	38.096	ng		96
25) Isophorone	10.003	82	246943	38.572	ng		96
26) 2-Nitrophenol	10.197	139	64686	44.757	ng		96
27) 2,4-Dimethylphenol	10.244	122	110272	48.873	ng		98
28) bis(2-Chloroethoxy)met...	10.479	93	141820	43.874	ng		99
29) 2,4-Dichlorophenol	10.737	162	111321	45.991	ng		97
30) 1,2,4-Trichlorobenzene	10.955	180	106049	42.928	ng		99
31) Naphthalene	11.148	128	337315	39.067	ng		99
32) Benzoic acid	10.402	122	56753m	34.564	ng		
33) 4-Chloroaniline	11.248	127	128062	34.693	ng		99
34) Hexachlorobutadiene	11.419	225	63531	45.010	ng		98
35) Caprolactam	12.024	113	43242m	38.493	ng		
36) 4-Chloro-3-methylphenol	12.353	107	128446	42.173	ng		97
37) 2-Methylnaphthalene	12.729	142	243580	39.129	ng		100
38) 1-Methylnaphthalene	12.946	142	234714	38.218	ng		99
40) 1,2,4,5-Tetrachloroben...	13.087	216	124243	44.998	ng		99
41) Hexachlorocyclopentadiene	13.064	237	137030	102.881	ng		97
43) 2,4,6-Trichlorophenol	13.322	196	89574	43.924	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.405	196	99215	43.986	ng		96
46) 1,1'-Biphenyl	13.716	154	330558	42.100	ng		99
47) 2-Chloronaphthalene	13.769	162	252299	40.749	ng		98
48) 2-Nitroaniline	13.963	65	88606	36.594	ng		92
49) Acenaphthylene	14.609	152	421870	39.471	ng		99
50) Dimethylphthalate	14.321	163	352971	39.270	ng		100
51) 2,6-Dinitrotoluene	14.445	165	76727	41.951	ng		94
52) Acenaphthene	14.944	154	300167m	44.059	ng		
53) 3-Nitroaniline	14.779	138	73495	31.971	ng		100
54) 2,4-Dinitrophenol	14.991	184	92990	86.479	ng		93
55) Dibenzofuran	15.273	168	405968	39.719	ng		99
56) 4-Nitrophenol	15.085	139	137015	83.334	ng		97
57) 2,4-Dinitrotoluene	15.232	165	111998	42.197	ng		90
58) Fluorene	15.919	166	327159	38.468	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.496	232	83687	41.618	ng		96
60) Diethylphthalate	15.667	149	369268	38.622	ng		98
61) 4-Chlorophenyl-phenyle...	15.902	204	166809	42.682	ng		96
62) 4-Nitroaniline	15.943	138	91458	37.860	ng		99
63) Azobenzene	16.195	77	332005	35.644	ng		96
65) 4,6-Dinitro-2-methylph...	15.996	198	65191	44.779	ng		91
66) n-Nitrosodiphenylamine	16.113	169	298787	40.535	ng		99
67) 4-Bromophenyl-phenylether	16.795	248	111290	43.255	ng		96
68) Hexachlorobenzene	16.918	284	126400	43.450	ng		97
69) Atrazine	17.047	200	122441	48.850	ng		99
70) Pentachlorophenol	17.265	266	131506	80.018	ng		99
71) Phenanthrene	17.658	178	547302	38.752	ng		99
72) Anthracene	17.747	178	561100	40.639	ng		100
73) Carbazole	18.011	167	538384	40.541	ng		99
74) Di-n-butylphthalate	18.540	149	669266	40.316	ng		100
75) Fluoranthene	19.644	202	652169	39.629	ng		98
77) Benzidine	19.815	184	456369	77.541	ng		99
78) Pyrene	20.003	202	658637	39.531	ng		100
80) Butylbenzylphthalate	20.861	149	293174	37.237	ng		91
81) Benzo(a)anthracene	21.871	228	629059	38.539	ng		99
82) 3,3'-Dichlorobenzidine	21.771	252	207644	39.059	ng		99
83) Chrysene	21.942	228	590041	38.055	ng		99
84) Bis(2-ethylhexyl)phtha...	21.736	149	421440	37.471	ng		97
85) Di-n-octyl phthalate	22.993	149	711185	37.956	ng		96
87) Indeno(1,2,3-cd)pyrene	29.204	276	767593	40.454	ng	#	94
88) Benzo(b)fluoranthene	24.204	252	668144	43.236	ng		98
89) Benzo(k)fluoranthene	24.274	252	646049	41.403	ng		98
90) Benzo(a)pyrene	25.132	252	588330	44.396	ng		98
91) Dibenzo(a,h)anthracene	29.268	278	670088	43.034	ng		97
92) Benzo(g,h,i)perylene	30.432	276	657442	42.568	ng		97

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

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