Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
Data File : BG055341.D
Acq On : 28 Oct 2022 14:31
Operator : CG/JU
Sample : PB148557BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 29 05:36:59 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 :
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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	8.267	152	35194	20.000	ng		0.00
21) Naphthalene-d8	11.099	136	158246	20.000	ng		0.00
39) Acenaphthene-d10	14.877	164	110471	20.000	ng		0.00
64) Phenanthrene-d10	17.609	188	261041	20.000	ng	#	0.00
76) Chrysene-d12	21.893	240	245066	20.000	ng		0.00
86) Perylene-d12	25.283	264	259219	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.794	112	300822	149.665	ng		0.00
7) Phenol-d6	7.415	99	392335	134.731	ng		0.00
23) Nitrobenzene-d5	9.437	82	240208	77.511	ng		0.00
42) 2,4,6-Tribromophenol	16.358	330	179071	149.112	ng		0.00
45) 2-Fluorobiphenyl	13.508	172	550971	81.633	ng		0.00
79) Terphenyl-d14	20.189	244	1016953	86.218	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.596	88	30746	31.681	ng		98
3) Pyridine	4.014	79	85164	29.140	ng		94
4) n-Nitrosodimethylamine	3.925	42	44784	34.490	ng		90
6) Aniline	7.580	93	146733	38.491	ng		99
8) 2-Chlorophenol	7.827	128	107702	46.090	ng		96
9) Benzaldehyde	7.392	77	66260	33.326	ng		96
10) Phenol	7.439	94	139611	42.803	ng		99
11) bis(2-Chloroethyl)ether	7.668	93	97018	39.403	ng		99
12) 1,3-Dichlorobenzene	8.156	146	110399	43.300	ng		98
13) 1,4-Dichlorobenzene	8.303	146	112137	43.060	ng		98
14) 1,2-Dichlorobenzene	8.626	146	108840	43.408	ng		96
15) Benzyl Alcohol	8.502	79	99073m	40.656	ng		
16) 2,2'-oxybis(1-Chloropr...	8.784	45	143708	35.664	ng		97
17) 2-Methylphenol	8.702	107	97394	42.221	ng		99
18) Hexachloroethane	9.360	117	38651	41.680	ng		89
19) n-Nitroso-di-n-propyla...	9.066	70	85999	35.564	ng		95
20) 3+4-Methylphenols	9.031	107	134337	40.660	ng		97
22) Acetophenone	9.096	105	162244	40.103	ng	#	95
24) Nitrobenzene	9.484	77	123782	38.360	ng		95
25) Isophorone	10.006	82	239471	38.257	ng		96
26) 2-Nitrophenol	10.200	139	63101	44.655	ng		92
27) 2,4-Dimethylphenol	10.247	122	105876	47.993	ng		98
28) bis(2-Chloroethoxy)met...	10.477	93	135968	43.022	ng		98
29) 2,4-Dichlorophenol	10.741	162	107981	45.627	ng		96
30) 1,2,4-Trichlorobenzene	10.952	180	104050	43.079	ng		97
31) Naphthalene	11.146	128	331009	39.210	ng		99
32) Benzoic acid	10.406	122	55083	34.341	ng		98
33) 4-Chloroaniline	11.246	127	119794	33.192	ng		98
34) Hexachlorobutadiene	11.417	225	63752	46.195	ng		99
35) Caprolactam	12.022	113	41763m	38.023	ng		
36) 4-Chloro-3-methylphenol	12.351	107	122837	41.250	ng		99
37) 2-Methylnaphthalene	12.733	142	235977	38.771	ng		99
38) 1-Methylnaphthalene	12.944	142	227432	37.876	ng		98
40) 1,2,4,5-Tetrachloroben...	13.091	216	119802	44.963	ng		100
41) Hexachlorocyclopentadiene	13.068	237	131413	102.264	ng		97
43) 2,4,6-Trichlorophenol	13.326	196	86229	43.818	ng		99

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44)	2,4,5-Trichlorophenol	13.403	196	94844	43.574	ng		96
46)	1,1'-Biphenyl	13.720	154	317842	41.949	ng		99
47)	2-Chloronaphthalene	13.767	162	244013	40.840	ng		97
48)	2-Nitroaniline	13.967	65	88072	37.692	ng		92
49)	Acenaphthylene	14.607	152	405494	39.315	ng		99
50)	Dimethylphthalate	14.319	163	337455	38.906	ng		99
51)	2,6-Dinitrotoluene	14.448	165	73640	41.723	ng		90
52)	Acenaphthene	14.942	154	288402m	43.867	ng		
53)	3-Nitroaniline	14.777	138	70757	31.897	ng		98
54)	2,4-Dinitrophenol	14.989	184	89334	86.111	ng		96
55)	Dibenzofuran	15.271	168	388348	39.373	ng		98
56)	4-Nitrophenol	15.089	139	133727	84.284	ng		95
57)	2,4-Dinitrotoluene	15.236	165	108479	42.354	ng		88
58)	Fluorene	15.917	166	316668	38.586	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.500	232	82546	42.539	ng		95
60)	Diethylphthalate	15.670	149	359751	38.991	ng		97
61)	4-Chlorophenyl-phenyle...	15.900	204	160538	42.567	ng		96
62)	4-Nitroaniline	15.941	138	91327	39.177	ng		97
63)	Azobenzene	16.193	77	323699	36.013	ng		98
65)	4,6-Dinitro-2-methylph...	15.994	198	63908	44.534	ng		93
66)	n-Nitrosodiphenylamine	16.117	169	288830	39.752	ng		99
67)	4-Bromophenyl-phenylether	16.793	248	108396	42.741	ng		96
68)	Hexachlorobenzene	16.922	284	123103	42.930	ng		95
69)	Atrazine	17.051	200	121925	49.349	ng		99
70)	Pentachlorophenol	17.263	266	129535	79.963	ng		97
71)	Phenanthrene	17.656	178	542378	38.960	ng		99
72)	Anthracene	17.744	178	551306	40.508	ng		100
73)	Carbazole	18.009	167	538946	41.172	ng		99
74)	Di-n-butylphthalate	18.538	149	673587	41.165	ng		100
75)	Fluoranthene	19.642	202	658843	40.615	ng		99
77)	Benzidine	19.813	184	453104	76.361	ng		99
78)	Pyrene	20.007	202	664956	39.586	ng		99
80)	Butylbenzylphthalate	20.858	149	296915	37.406	ng		94
81)	Benzo(a)anthracene	21.869	228	633482	38.494	ng		99
82)	3,3'-Dichlorobenzidine	21.769	252	210239	39.226	ng		100
83)	Chrysene	21.940	228	594964	38.061	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.734	149	433183	38.202	ng		98
85)	Di-n-octyl phthalate	22.991	149	727559	38.514	ng		96
87)	Indeno(1,2,3-cd)pyrene	29.202	276	777085	40.588	ng	#	95
88)	Benzo(b)fluoranthene	24.202	252	683343	43.825	ng		98
89)	Benzo(k)fluoranthene	24.272	252	644735	40.949	ng		98
90)	Benzo(a)pyrene	25.124	252	596160	44.585	ng		98
91)	Dibenzo(a,h)anthracene	29.260	278	681489	43.375	ng		98
92)	Benzo(g,h,i)perylene	30.430	276	665793	42.723	ng		98

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

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