Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
Data File : BG053832.D
Acq On : 6 Jun 2022 17:04
Operator : CG/JU
Sample : N3176-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NEWARK-SPMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/07/2022
Supervised By :Jagrut Upadhyay 06/07/2022

Quant Time: Jun 07 04:19:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 23:22:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.094	152	25451	20.000	ng		0.00
21) Naphthalene-d8	10.903	136	103786	20.000	ng		0.00
39) Acenaphthene-d10	14.716	164	77375	20.000	ng		0.00
64) Phenanthrene-d10	17.460	188	189856	20.000	ng		0.00
76) Chrysene-d12	21.737	240	191017	20.000	ng		0.00
86) Perylene-d12	25.004	264	198676	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.656	112	119969	86.561	ng		0.00
7) Phenol-d6	7.242	99	160160	85.309	ng		0.00
23) Nitrobenzene-d5	9.252	82	97621	61.767	ng		0.00
42) 2,4,6-Tribromophenol	16.197	330	96130	102.350	ng		0.00
45) 2-Fluorobiphenyl	13.341	172	246560	47.671	ng		0.00
79) Terphenyl-d14	20.063	244	456441	47.537	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.547	88	25700	38.349	ng	#	89
3) Pyridine	3.946	79	66526	40.955	ng		87
4) n-Nitrosodimethylamine	3.858	42	40351	55.016	ng	#	98
6) Aniline	7.413	93	66541	29.121	ng		97
8) 2-Chlorophenol	7.654	128	81144	57.194	ng		95
9) Benzaldehyde	7.225	77	50732	40.525	ng		82
10) Phenol	7.272	94	105033	54.142	ng		92
11) bis(2-Chloroethyl)ether	7.507	93	74183	48.617	ng		94
12) 1,3-Dichlorobenzene	7.983	146	90524	50.140	ng		93
13) 1,4-Dichlorobenzene	8.129	146	91168	49.654	ng		99
14) 1,2-Dichlorobenzene	8.447	146	88174	50.128	ng		99
15) Benzyl Alcohol	8.323	79	77134	54.889	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.623	45	117872	44.030	ng		99
17) 2-Methylphenol	8.529	107	71134	53.643	ng		91
18) Hexachloroethane	9.181	117	30992	51.016	ng	#	85
19) n-Nitroso-di-n-propyla...	8.893	70	64142	48.238	ng		93
20) 3+4-Methylphenols	8.852	107	96806	53.732	ng		94
22) Acetophenone	8.911	105	123203	48.074	ng	#	97
24) Nitrobenzene	9.293	77	90751	51.436	ng	#	86
25) Isophorone	9.816	82	174434	49.242	ng		97
26) 2-Nitrophenol	10.010	139	42399	72.563	ng	#	83
27) 2,4-Dimethylphenol	10.063	122	79731	62.610	ng		89
28) bis(2-Chloroethoxy)met...	10.298	93	101818	52.894	ng		98
29) 2,4-Dichlorophenol	10.544	162	93016	60.815	ng		92
30) 1,2,4-Trichlorobenzene	10.762	180	99265	51.277	ng		96
31) Naphthalene	10.950	128	250203	47.103	ng		99
33) 4-Chloroaniline	11.050	127	57342	26.039	ng	#	91
34) Hexachlorobutadiene	11.243	225	69770	50.872	ng		96
35) Caprolactam	11.819	113	28822m	65.933	ng		
36) 4-Chloro-3-methylphenol	12.166	107	93744	57.587	ng		88
37) 2-Methylnaphthalene	12.554	142	185473	48.132	ng		95
38) 1-Methylnaphthalene	12.771	142	176053	46.720	ng		99
40) 1,2,4,5-Tetrachloroben...	12.918	216	131205	50.497	ng		97
41) Hexachlorocyclopentadiene	12.906	237	137550	104.147	ng		96
43) 2,4,6-Trichlorophenol	13.147	196	91032	64.602	ng		97
44) 2,4,5-Trichlorophenol	13.224	196	98021	62.520	ng	#	94

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.553	154	262592	47.619	ng		99
47)	2-Chloronaphthalene	13.594	162	209136	48.748	ng		97
48)	2-Nitroaniline	13.788	65	61516	55.486	ng		90
49)	Acenaphthylene	14.440	152	340651	49.496	ng		100
50)	Dimethylphthalate	14.164	163	264403	46.628	ng		99
51)	2,6-Dinitrotoluene	14.281	165	57298	55.682	ng	#	80
52)	Acenaphthene	14.781	154	205094	46.904	ng		99
53)	3-Nitroaniline	14.604	138	41929	38.759	ng		94
54)	2,4-Dinitrophenol	14.816	184	21448	44.713	ng	#	75
55)	Dibenzofuran	15.110	168	332944	47.764	ng		95
56)	4-Nitrophenol	14.910	139	96910	105.607	ng	#	86
57)	2,4-Dinitrotoluene	15.063	165	80571	57.285	ng		91
58)	Fluorene	15.762	166	268837	46.580	ng		93
59)	2,3,4,6-Tetrachlorophenol	15.333	232	91563	53.410	ng		96
60)	Diethylphthalate	15.527	149	266717	46.443	ng		97
61)	4-Chlorophenyl-phenyle...	15.750	204	155281	49.906	ng		91
62)	4-Nitroaniline	15.768	138	59511	49.870	ng	#	73
63)	Azobenzene	16.044	77	237235	44.149	ng		92
65)	4,6-Dinitro-2-methylph...	15.832	198	30362	42.494	ng		87
66)	n-Nitrosodiphenylamine	15.961	169	245624	48.652	ng		98
67)	4-Bromophenyl-phenylether	16.643	248	108059	52.384	ng		94
68)	Hexachlorobenzene	16.766	284	117812	51.237	ng		95
69)	Atrazine	16.907	200	106177	53.715	ng		95
70)	Pentachlorophenol	17.107	266	111451	76.435	ng		97
71)	Phenanthrene	17.501	178	473970	47.429	ng		98
72)	Anthracene	17.589	178	476763	48.747	ng		98
73)	Carbazole	17.853	167	417721	47.317	ng		99
74)	Di-n-butylphthalate	18.417	149	476381	46.926	ng	#	98
75)	Fluoranthene	19.504	202	596761	46.041	ng		95
77)	Benzidine	19.675	184	204803	43.847	ng		99
78)	Pyrene	19.869	202	597433	49.180	ng		98
80)	Butylbenzylphthalate	20.750	149	205181	51.790	ng		92
81)	Benzo(a)anthracene	21.714	228	611498	48.220	ng		99
82)	3,3'-Dichlorobenzidine	21.625	252	119464	33.423	ng		96
83)	Chrysene	21.784	228	562368	46.981	ng		96
84)	Bis(2-ethylhexyl)phtha...	21.625	149	302399	53.080	ng		96
85)	Di-n-octyl phthalate	22.859	149	516747	54.542	ng		97
87)	Indeno(1,2,3-cd)pyrene	28.741	276	697050	47.600	ng	#	96
88)	Benzo(b)fluoranthene	23.964	252	609461	49.411	ng		99
89)	Benzo(k)fluoranthene	24.034	252	596117	48.895	ng		99
90)	Benzo(a)pyrene	24.851	252	593167	56.863	ng	#	97
91)	Dibenzo(a,h)anthracene	28.817	278	598066	49.422	ng		98
92)	Benzo(g,h,i)perylene	29.916	276	599973	50.299	ng		94

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

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