Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054825.D
Acq On : 1 Sep 2022 16:55
Operator : CG/JU
Sample : N4433-07MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 01 17:56:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EP-4MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
09/02/2022
Supervised By :Jagrut Upadhyay
09/02/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.148	152	44369	20.000	ng		0.00
21) Naphthalene-d8	10.974	136	182908	20.000	ng		0.00
39) Acenaphthene-d10	14.781	164	120915	20.000	ng		0.00
64) Phenanthrene-d10	17.531	188	274043	20.000	ng		0.00
76) Chrysene-d12	21.820	240	254193	20.000	ng		0.00
86) Perylene-d12	25.192	264	275693	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.686	112	325087	127.588	ng		0.00
7) Phenol-d6	7.302	99	437610	125.586	ng		0.00
23) Nitrobenzene-d5	9.323	82	258234	74.116	ng		0.00
42) 2,4,6-Tribromophenol	16.268	330	199215	131.851	ng		0.00
45) 2-Fluorobiphenyl	13.406	172	617775	76.792	ng		0.00
79) Terphenyl-d14	20.128	244	1018275	79.373	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.530	88	40936	33.646	ng		96
3) Pyridine	3.941	79	113949	33.578	ng		97
4) n-Nitrosodimethylamine	3.853	42	58321	39.756	ng		97
6) Aniline	7.466	93	184452	44.553	ng		97
8) 2-Chlorophenol	7.707	128	139168	49.992	ng		100
9) Benzaldehyde	7.278	77	75768	33.176	ng		95
10) Phenol	7.325	94	171855	47.957	ng		98
11) bis(2-Chloroethyl)ether	7.560	93	129942	45.087	ng		96
12) 1,3-Dichlorobenzene	8.036	146	146785	45.564	ng		99
13) 1,4-Dichlorobenzene	8.183	146	147392	45.359	ng		98
14) 1,2-Dichlorobenzene	8.506	146	144727	46.971	ng		98
15) Benzyl Alcohol	8.383	79	119494	47.468	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.671	45	183672	40.729	ng		98
17) 2-Methylphenol	8.588	107	118702	48.111	ng		98
18) Hexachloroethane	9.241	117	51968	44.104	ng		97
19) n-Nitroso-di-n-propyla...	8.953	70	102441	42.751	ng		95
20) 3+4-Methylphenols	8.917	107	160183	46.820	ng		97
22) Acetophenone	8.976	105	200867	43.896	ng	#	98
24) Nitrobenzene	9.364	77	147746	42.071	ng		99
25) Isophorone	9.887	82	284721	43.826	ng		99
26) 2-Nitrophenol	10.075	139	76749	49.475	ng		98
27) 2,4-Dimethylphenol	10.128	122	130573	53.125	ng		100
28) bis(2-Chloroethoxy)met...	10.363	93	172157	46.505	ng		99
29) 2,4-Dichlorophenol	10.615	162	132748	47.484	ng		99
30) 1,2,4-Trichlorobenzene	10.833	180	141554	44.308	ng		98
31) Naphthalene	11.027	128	425074	43.316	ng		100
32) Benzoic acid	10.286	122	49529	31.440	ng		96
33) 4-Chloroaniline	11.127	127	162100	40.517	ng		98
34) Hexachlorobutadiene	11.297	225	91599	44.750	ng		98
35) Caprolactam	11.902	113	45061m	45.687	ng		
36) 4-Chloro-3-methylphenol	12.237	107	141668	46.341	ng		97
37) 2-Methylnaphthalene	12.619	142	302712	44.011	ng		100
38) 1-Methylnaphthalene	12.836	142	287818	43.010	ng		97
40) 1,2,4,5-Tetrachloroben...	12.983	216	172270	47.263	ng		98
41) Hexachlorocyclopentadiene	12.960	237	152621	78.955	ng		99
43) 2,4,6-Trichlorophenol	13.218	196	112164	46.362	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.289	196	121555	44.739	ng		99
46)	1,1'-Biphenyl	13.618	154	406828	45.308	ng		99
47)	2-Chloronaphthalene	13.665	162	300988	44.138	ng		99
48)	2-Nitroaniline	13.865	65	94620	44.274	ng		98
49)	Acenaphthylene	14.511	152	496207	44.095	ng		100
50)	Dimethylphthalate	14.229	163	388609	41.717	ng		100
51)	2,6-Dinitrotoluene	14.352	165	86486	45.391	ng		92
52)	Acenaphthene	14.846	154	349407m	48.338	ng		
53)	3-Nitroaniline	14.687	138	84904	39.806	ng		94
54)	2,4-Dinitrophenol	14.893	184	86097	80.062	ng		97
55)	Dibenzofuran	15.181	168	470615	44.307	ng		99
56)	4-Nitrophenol	14.993	139	149548	90.601	ng		92
57)	2,4-Dinitrotoluene	15.140	165	123650	46.918	ng		86
58)	Fluorene	15.827	166	395407	44.189	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.398	232	106983	43.681	ng		99
60)	Diethylphthalate	15.580	149	393455	42.298	ng		98
61)	4-Chlorophenyl-phenyle...	15.815	204	200621	45.449	ng		98
62)	4-Nitroaniline	15.851	138	94094	43.208	ng		94
63)	Azobenzene	16.109	77	357104	40.395	ng		94
65)	4,6-Dinitro-2-methylph...	15.898	198	62210	44.597	ng		99
66)	n-Nitrosodiphenylamine	16.027	169	350770	44.385	ng		98
67)	4-Bromophenyl-phenylether	16.708	248	140232	46.608	ng		99
68)	Hexachlorobenzene	16.826	284	159209	47.070	ng		98
69)	Atrazine	16.973	200	135912	48.748	ng		98
70)	Pentachlorophenol	17.172	266	159990	87.057	ng		99
71)	Phenanthrene	17.572	178	707656	48.475	ng		100
72)	Anthracene	17.660	178	656145	46.230	ng		99
73)	Carbazole	17.930	167	590423	45.151	ng		99
74)	Di-n-butylphthalate	18.471	149	699538	42.275	ng		99
75)	Fluoranthene	19.576	202	951446	53.575	ng		98
77)	Benzidine	19.752	184	481309	76.446	ng		98
78)	Pyrene	19.940	202	937550	52.895	ng		98
80)	Butylbenzylphthalate	20.809	149	310805	42.039	ng		95
81)	Benzo(a)anthracene	21.802	228	848924	49.256	ng		99
82)	3,3'-Dichlorobenzidine	21.708	252	267446	44.259	ng		99
83)	Chrysene	21.873	228	786377	47.720	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.685	149	452856	42.514	ng		98
85)	Di-n-octyl phthalate	22.942	149	758451	41.987	ng	#	95
87)	Indeno(1,2,3-cd)pyrene	29.070	276	964010	46.059	ng	#	95
88)	Benzo(b)fluoranthene	24.117	252	908597	52.537	ng		98
89)	Benzo(k)fluoranthene	24.188	252	818332	47.017	ng		98
90)	Benzo(a)pyrene	25.034	252	791089	53.540	ng		99
91)	Dibenzo(a,h)anthracene	29.141	278	776773	45.555	ng		99
92)	Benzo(g,h,i)perylene	30.298	276	845413	49.078	ng		97

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

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