Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011723\
Data File : BG056321.D
Acq On : 17 Jan 2023 20:10
Operator : CG/JU
Sample : 01167-01MS 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-3-011623MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

Quant Time: Jan 18 03:23:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 03:38:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.323	152	67912	20.000	ng		0.00
21) Naphthalene-d8	11.155	136	246995	20.000	ng		0.00
39) Acenaphthene-d10	14.933	164	169317	20.000	ng		0.00
64) Phenanthrene-d10	17.671	188	372424	20.000	ng		0.00
76) Chrysene-d12	21.972	240	348923	20.000	ng		0.01
86) Perylene-d12	25.432	264	281724	20.000	ng	#	0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.837	112	73590	19.348	ng		0.01
7) Phenol-d6	7.459	99	106170	18.176	ng		0.01
23) Nitrobenzene-d5	9.492	82	58712	12.159	ng		0.00
42) 2,4,6-Tribromophenol	16.413	330	36040	16.807	ng		0.00
45) 2-Fluorobiphenyl	13.558	172	164649	13.428	ng		0.00
79) Terphenyl-d14	20.244	244	245717	12.613	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.652	88	10139	5.836	ng	#	83
3) Pyridine	4.075	79	27484	5.194	ng	#	91
4) n-Nitrosodimethylamine	3.975	42	6647	6.175	ng	#	88
6) Aniline	7.635	93	17063	2.228	ng		96
8) 2-Chlorophenol	7.882	128	34781	9.189	ng		93
9) Benzaldehyde	7.441	77	17037	4.905	ng		88
10) Phenol	7.483	94	49630	8.378	ng		95
11) bis(2-Chloroethyl)ether	7.718	93	33768	8.412	ng		94
12) 1,3-Dichlorobenzene	8.211	146	40845m	8.867	ng		
13) 1,4-Dichlorobenzene	8.358	146	41596	8.992	ng		94
14) 1,2-Dichlorobenzene	8.681	146	40928	9.170	ng		96
15) Benzyl Alcohol	8.552	79	29868	7.026	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.846	45	6693	9.435	ng	#	83
17) 2-Methylphenol	8.758	107	33559	7.721	ng		95
18) Hexachloroethane	9.422	117	13365	9.511	ng		86
19) n-Nitroso-di-n-propyla...	9.116	70	24391	6.867	ng	#	95
20) 3+4-Methylphenols	9.081	107	45354	7.422	ng		98
22) Acetophenone	9.145	105	61444	8.798	ng	#	98
24) Nitrobenzene	9.533	77	37712	7.881	ng		95
25) Isophorone	10.056	82	72394	7.126	ng	#	97
26) 2-Nitrophenol	10.256	139	20637	8.429	ng		96
27) 2,4-Dimethylphenol	10.297	122	36757	8.231	ng		97
28) bis(2-Chloroethoxy)met...	10.532	93	41370	7.835	ng		98
29) 2,4-Dichlorophenol	10.791	162	41985	8.504	ng		97
30) 1,2,4-Trichlorobenzene	11.014	180	48501	8.657	ng		97
31) Naphthalene	11.202	128	122723	9.441	ng		99
32) Benzoic acid	10.385	122	21853	6.595	ng		93
33) 4-Chloroaniline	11.308	127	17012	2.741	ng	#	94
34) Hexachlorobutadiene	11.478	225	35665	8.851	ng		97
35) Caprolactam	12.048	113	10606	6.345	ng		89
36) 4-Chloro-3-methylphenol	12.395	107	35730	7.132	ng		98
37) 2-Methylnaphthalene	12.782	142	93468	8.516	ng		97
38) 1-Methylnaphthalene	13.000	142	83518	8.194	ng		98
40) 1,2,4,5-Tetrachloroben...	13.147	216	61815	9.741	ng		97
43) 2,4,6-Trichlorophenol	13.376	196	38147	9.091	ng		95
44) 2,4,5-Trichlorophenol	13.452	196	40548	8.169	ng	#	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.769	154	117206	9.666	ng		97
47) 2-Chloronaphthalene	13.822	162	90571	9.463	ng		99
48) 2-Nitroaniline	14.010	65	18397	9.021	ng		94
49) Acenaphthylene	14.662	152	133184	8.551	ng		99
50) Dimethylphthalate	14.369	163	106385	7.783	ng		100
51) 2,6-Dinitrotoluene	14.492	165	20914	7.181	ng		95
52) Acenaphthene	14.997	154	89648	8.850	ng		98
53) 3-Nitroaniline	14.821	138	16664	6.012	ng	#	93
55) Dibenzofuran	15.326	168	151107	9.014	ng		98
56) 4-Nitrophenol	15.121	139	34225	16.055	ng		95
57) 2,4-Dinitrotoluene	15.279	165	28665	7.038	ng		95
58) Fluorene	15.973	166	123351	9.149	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.550	232	36574	7.847	ng	#	87
60) Diethylphthalate	15.714	149	93692	7.309	ng		100
61) 4-Chlorophenyl-phenyle...	15.955	204	65503	7.785	ng		99
62) 4-Nitroaniline	15.979	138	21870	7.703	ng		95
63) Azobenzene	16.249	77	77391	7.824	ng		96
66) n-Nitrosodiphenylamine	16.167	169	100161	9.693	ng		92
67) 4-Bromophenyl-phenylether	16.848	248	41903	8.836	ng		99
68) Hexachlorobenzene	16.977	284	40944	9.254	ng		98
69) Atrazine	17.101	200	40365	9.426	ng		94
70) Pentachlorophenol	17.318	266	50298	14.799	ng		96
71) Phenanthrene	17.712	178	373542	19.354	ng		98
72) Anthracene	17.806	178	226099	11.356	ng		99
73) Carbazole	18.064	167	161010	9.621	ng		99
74) Di-n-butylphthalate	18.593	149	144816	8.681	ng		99
75) Fluoranthene	19.704	202	576337	22.893	ng		100
78) Pyrene	20.068	202	532832	21.665	ng		99
80) Butylbenzylphthalate	20.920	149	59165	8.385	ng		94
81) Benzo(a)anthracene	21.948	228	380759	15.537	ng		98
82) 3,3'-Dichlorobenzidine	21.848	252	31175	3.534	ng	#	98
83) Chrysene	22.019	228	347176	15.123	ng		98
84) Bis(2-ethylhexyl)phtha...	21.813	149	85927	8.453	ng	#	98
85) Di-n-octyl phthalate	23.094	149	144832	8.440	ng	#	98
87) Indeno(1,2,3-cd)pyrene	29.410	276	144938	7.074	ng	#	85
88) Benzo(b)fluoranthene	24.322	252	289028	16.147	ng	#	91
89) Benzo(k)fluoranthene	24.392	252	256247m	14.376	ng		
90) Benzo(a)pyrene	25.268	252	263260	15.079	ng	#	94
91) Dibenzo(a,h)anthracene	29.474	278	93948	5.469	ng	#	88
92) Benzo(g,h,i)perylene	30.644	276	89045	5.345	ng	#	94

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

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