Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122822\
Data File : BG056141.D
Acq On : 28 Dec 2022 15:44
Operator : CG/JU
Sample : N6220-04MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 29 03:37:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 05:20:14 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TP-CRMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/29/2022
Supervised By :Yogesh Patel 12/29/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.338	152	45649	20.000	ng		0.00
21) Naphthalene-d8	11.170	136	163413	20.000	ng		0.00
39) Acenaphthene-d10	14.948	164	134200	20.000	ng		0.00
64) Phenanthrene-d10	17.680	188	364599	20.000	ng		0.00
76) Chrysene-d12	21.975	240	367620	20.000	ng	#	0.00
86) Perylene-d12	25.430	264	407833	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.859	112	352606	137.917	ng		0.00
7) Phenol-d6	7.475	99	486525	123.914	ng		0.00
23) Nitrobenzene-d5	9.508	82	249409	78.070	ng		0.00
42) 2,4,6-Tribromophenol	16.423	330	217409	127.916	ng		0.00
45) 2-Fluorobiphenyl	13.573	172	738918	76.034	ng		0.00
79) Terphenyl-d14	20.254	244	1527416	74.416	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.673	88	50954	43.633	ng	#	94
3) Pyridine	4.090	79	140012	39.365	ng	#	94
4) n-Nitrosodimethylamine	4.002	42	32038	44.281	ng	#	92
6) Aniline	7.645	93	124475	24.175	ng		95
8) 2-Chlorophenol	7.892	128	128211	50.395	ng		97
9) Benzaldehyde	7.463	77	78639	33.685	ng		97
10) Phenol	7.498	94	194817	48.927	ng		98
11) bis(2-Chloroethyl)ether	7.739	93	116454	43.157	ng		97
12) 1,3-Dichlorobenzene	8.227	146	152874	49.372	ng		97
13) 1,4-Dichlorobenzene	8.374	146	150603	48.436	ng		99
14) 1,2-Dichlorobenzene	8.697	146	146081	48.691	ng		98
15) Benzyl Alcohol	8.567	79	123526	43.228	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.855	45	19791	41.505	ng		96
17) 2-Methylphenol	8.767	107	131259	44.925	ng		94
18) Hexachloroethane	9.437	117	45851	48.541	ng		91
19) n-Nitroso-di-n-propyla...	9.137	70	88698	37.151	ng	#	93
20) 3+4-Methylphenols	9.096	107	179134	43.608	ng		99
22) Acetophenone	9.161	105	207551	44.919	ng		96
24) Nitrobenzene	9.555	77	136335	43.063	ng	#	95
25) Isophorone	10.072	82	271474	40.388	ng		97
26) 2-Nitrophenol	10.265	139	77849	48.059	ng		97
27) 2,4-Dimethylphenol	10.312	122	148011	50.097	ng		98
28) bis(2-Chloroethoxy)met...	10.547	93	156780	44.877	ng		99
29) 2,4-Dichlorophenol	10.806	162	164650	50.408	ng		96
30) 1,2,4-Trichlorobenzene	11.023	180	175954	47.470	ng		97
31) Naphthalene	11.217	128	397238	46.189	ng		99
32) Benzoic acid	10.430	122	108865m	49.662	ng		
33) 4-Chloroaniline	11.317	127	64030	15.594	ng		93
34) Hexachlorobutadiene	11.493	225	125992	47.260	ng		97
35) Caprolactam	12.075	113	49920m	45.140	ng		
36) 4-Chloro-3-methylphenol	12.410	107	156057	47.084	ng		100
37) 2-Methylnaphthalene	12.798	142	307665	42.368	ng		97
38) 1-Methylnaphthalene	13.015	142	288641	42.804	ng		97
40) 1,2,4,5-Tetrachloroben...	13.156	216	240746	47.864	ng		98
41) Hexachlorocyclopentadiene	13.139	237	310467	108.267	ng		98
43) 2,4,6-Trichlorophenol	13.385	196	161730	48.627	ng		99

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44) 2,4,5-Trichlorophenol	13.456	196	181582	46.153	ng	99
46) 1,1'-Biphenyl	13.785	154	453624	47.199	ng	99
47) 2-Chloronaphthalene	13.832	162	364339	48.027	ng	98
48) 2-Nitroaniline	14.026	65	75937	46.982	ng	99
49) Acenaphthylene	14.672	152	565300	45.792	ng	99
50) Dimethylphthalate	14.384	163	476827	44.014	ng	99
51) 2,6-Dinitrotoluene	14.508	165	105554	45.726	ng	95
52) Acenaphthene	15.007	154	420313	52.349	ng	98
53) 3-Nitroaniline	14.837	138	52980	24.116	ng	98
54) 2,4-Dinitrophenol	15.042	184	166693	101.081	ng	97
55) Dibenzofuran	15.342	168	599854	45.147	ng	97
56) 4-Nitrophenol	15.130	139	176774	104.622	ng	94
57) 2,4-Dinitrotoluene	15.289	165	153798	47.640	ng	92
58) Fluorene	15.982	166	480156	44.930	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.559	232	181139	49.035	ng	96
60) Diethylphthalate	15.736	149	451053	44.396	ng	99
61) 4-Chlorophenyl-phenyle...	15.965	204	294690	44.187	ng	97
62) 4-Nitroaniline	15.994	138	101432	45.073	ng	98
63) Azobenzene	16.258	77	354371	45.200	ng	98
65) 4,6-Dinitro-2-methylph...	16.053	198	113522	46.214	ng	98
66) n-Nitrosodiphenylamine	16.176	169	450393	44.523	ng	98
67) 4-Bromophenyl-phenylether	16.858	248	202573	43.632	ng	96
68) Hexachlorobenzene	16.987	284	208084	48.038	ng	98
69) Atrazine	17.116	200	204621	48.807	ng	95
70) Pentachlorophenol	17.322	266	301129	90.499	ng	98
71) Phenanthrene	17.721	178	876143	46.370	ng	99
72) Anthracene	17.815	178	891373	45.732	ng	99
73) Carbazole	18.074	167	788042	48.099	ng	100
74) Di-n-butylphthalate	18.609	149	779137	47.706	ng	100
75) Fluoranthene	19.713	202	1183184	48.006	ng	100
77) Benzidine	19.878	184	407464	31.628	ng	98
78) Pyrene	20.072	202	1195262	46.129	ng	99
80) Butylbenzylphthalate	20.935	149	348838	46.926	ng	96
81) Benzo(a)anthracene	21.958	228	1208977	46.822	ng	99
82) 3,3'-Dichlorobenzidine	21.858	252	216794	23.324	ng	96
83) Chrysene	22.028	228	1125178	46.521	ng	100
84) Bis(2-ethylhexyl)phtha...	21.822	149	501874	46.861	ng	99
85) Di-n-octyl phthalate	23.115	149	852737	47.164	ng	100
87) Indeno(1,2,3-cd)pyrene	29.414	276	1427611	48.132	ng	99
88) Benzo(b)fluoranthene	24.331	252	1263820	48.773	ng	98
89) Benzo(k)fluoranthene	24.402	252	1244882	48.245	ng	99
90) Benzo(a)pyrene	25.271	252	1116025	44.158	ng	99
91) Dibenzo(a,h)anthracene	29.484	278	1186669	47.720	ng	99
92) Benzo(g,h,i)perylene	30.671	276	1150119	47.694	ng	98

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

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