Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055737.D
Acq On : 22 Nov 2022 12:54
Operator : CG/JU
Sample : N5598-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 23 01:37:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 01:35:20 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.246	152	47788	20.000	ng		0.00
21) Naphthalene-d8	11.078	136	201597	20.000	ng		0.00
39) Acenaphthene-d10	14.868	164	137869	20.000	ng		0.00
64) Phenanthrene-d10	17.612	188	294919	20.000	ng		0.00
76) Chrysene-d12	21.912	240	270567	20.000	ng		0.00
86) Perylene-d12	25.320	264	270583	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.778	112	349508	132.197	ng		0.00
7) Phenol-d6	7.394	99	416020	118.208	ng		0.00
23) Nitrobenzene-d5	9.421	82	317854	83.335	ng		0.00
42) 2,4,6-Tribromophenol	16.354	330	245482	126.448	ng		0.00
45) 2-Fluorobiphenyl	13.499	172	768734	83.533	ng		0.00
79) Terphenyl-d14	20.197	244	1192530	88.156	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.616	88	41235	36.496	ng	#	16
3) Pyridine	4.033	79	111120	32.059	ng		98
4) n-Nitrosodimethylamine	3.933	42	70283	38.299	ng		95
6) Aniline	7.564	93	54114	12.242	ng		99
8) 2-Chlorophenol	7.805	128	142082	47.010	ng		98
9) Benzaldehyde	7.371	77	69770	29.191	ng		94
10) Phenol	7.423	94	151949	38.560	ng		99
11) bis(2-Chloroethyl)ether	7.653	93	131261	43.465	ng		97
12) 1,3-Dichlorobenzene	8.134	146	150605	42.383	ng		100
13) 1,4-Dichlorobenzene	8.281	146	154070	42.907	ng		99
14) 1,2-Dichlorobenzene	8.604	146	152430	44.299	ng		98
15) Benzyl Alcohol	8.481	79	131603m	46.011	ng		
16) 2,2'-oxybis(1-Chloropr...	8.769	45	242551	44.367	ng		98
17) 2-Methylphenol	8.687	107	122506	43.788	ng		98
18) Hexachloroethane	9.339	117	54270	43.912	ng		98
19) n-Nitroso-di-n-propyla...	9.051	70	113044	41.805	ng		97
20) 3+4-Methylphenols	9.016	107	165191	42.268	ng		99
22) Acetophenone	9.074	105	220493	42.091	ng	#	99
24) Nitrobenzene	9.462	77	165596	41.565	ng		99
25) Isophorone	9.985	82	312247	43.207	ng		99
26) 2-Nitrophenol	10.179	139	83488	45.395	ng		97
27) 2,4-Dimethylphenol	10.226	122	141170m	50.434	ng		
28) bis(2-Chloroethoxy)met...	10.461	93	180056	46.410	ng		99
29) 2,4-Dichlorophenol	10.720	162	146784	43.812	ng		99
30) 1,2,4-Trichlorobenzene	10.931	180	164897	42.365	ng		96
31) Naphthalene	11.125	128	452804	41.549	ng		99
32) Benzoic acid	10.355	122	50889	22.098	ng		94
33) 4-Chloroaniline	11.231	127	20363	4.530	ng		96
34) Hexachlorobutadiene	11.401	225	109351	41.144	ng		98
35) Caprolactam	12.000	113	37898m	32.688	ng		
36) 4-Chloro-3-methylphenol	12.335	107	155947	42.350	ng		96
37) 2-Methylnaphthalene	12.717	142	333658	40.890	ng		99
38) 1-Methylnaphthalene	12.929	142	314955	39.760	ng		99
40) 1,2,4,5-Tetrachloroben...	13.076	216	197748	45.642	ng		100
41) Hexachlorocyclopentadiene	13.052	237	103974	47.615	ng		98
43) 2,4,6-Trichlorophenol	13.311	196	131062	44.346	ng		98

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44) 2,4,5-Trichlorophenol	13.387	196	140224	43.175	ng		98
46) 1,1'-Biphenyl	13.704	154	444313	44.225	ng		97
47) 2-Chloronaphthalene	13.757	162	342739	43.890	ng		99
48) 2-Nitroaniline	13.951	65	109889	42.802	ng		96
49) Acenaphthylene	14.597	152	550947	42.845	ng		100
50) Dimethylphthalate	14.315	163	440295	40.062	ng		98
51) 2,6-Dinitrotoluene	14.439	165	94781	42.178	ng		99
52) Acenaphthene	14.938	154	351842m	41.864	ng		
53) 3-Nitroaniline	14.768	138	44972	18.230	ng		99
54) 2,4-Dinitrophenol	14.979	184	45997	35.600	ng		96
55) Dibenzofuran	15.267	168	532104	41.041	ng		99
56) 4-Nitrophenol	15.073	139	142740	73.725	ng		99
57) 2,4-Dinitrotoluene	15.226	165	133773	42.222	ng		93
58) Fluorene	15.914	166	415254	40.101	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.490	232	126874	40.316	ng		98
60) Diethylphthalate	15.667	149	432458	38.920	ng		99
61) 4-Chlorophenyl-phenyle...	15.896	204	233409	41.005	ng		98
62) 4-Nitroaniline	15.931	138	91200	35.367	ng		98
63) Azobenzene	16.190	77	391292	40.336	ng		99
65) 4,6-Dinitro-2-methylph...	15.990	198	40071	24.333	ng		96
66) n-Nitrosodiphenylamine	16.113	169	368399	45.326	ng		98
67) 4-Bromophenyl-phenylether	16.789	248	149229	44.410	ng		98
68) Hexachlorobenzene	16.918	284	166213	44.609	ng		99
69) Atrazine	17.053	200	148850	46.306	ng		98
70) Pentachlorophenol	17.259	266	191414	83.979	ng		99
71) Phenanthrene	17.659	178	668446	42.001	ng		100
72) Anthracene	17.747	178	681367	44.063	ng		99
73) Carbazole	18.011	167	609117	43.817	ng		100
74) Di-n-butylphthalate	18.546	149	729751	42.276	ng		100
75) Fluoranthene	19.650	202	756765	39.085	ng		99
77) Benzidine	19.821	184	80842	12.915	ng		99
78) Pyrene	20.015	202	771862	42.146	ng		98
80) Butylbenzylphthalate	20.878	149	310812	43.351	ng		99
81) Benzo(a)anthracene	21.889	228	779230	41.814	ng		100
82) 3,3'-Dichlorobenzidine	21.795	252	124126	18.956	ng		100
83) Chrysene	21.959	228	738203	41.610	ng		99
84) Bis(2-ethylhexyl)phtha...	21.760	149	453274	43.991	ng		99
85) Di-n-octyl phthalate	23.035	149	784322	44.480	ng		99
87) Indeno(1,2,3-cd)pyrene	29.257	276	675798	30.487	ng	#	94
88) Benzo(b)fluoranthene	24.233	252	746406	42.357	ng		100
89) Benzo(k)fluoranthene	24.304	252	860524	48.989	ng		99
90) Benzo(a)pyrene	25.161	252	686223	45.380	ng		98
91) Dibenzo(a,h)anthracene	29.321	278	591327	32.644	ng		99
92) Benzo(g,h,i)perylene	30.485	276	461627	25.285	ng		99

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

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