Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
Data File : BG055930.D
Acq On : 8 Dec 2022 16:42
Operator : CG/JU
Sample : N5897-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 09 08:10:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 07:57:14 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
COMPOSITEMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/09/2022
Supervised By :mohammad ahmed 12/14/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.144	152	23336	20.000	ng		0.00
21) Naphthalene-d8	10.970	136	99828	20.000	ng		0.00
39) Acenaphthene-d10	14.777	164	80777	20.000	ng		0.00
64) Phenanthrene-d10	17.521	188	216587	20.000	ng		0.00
76) Chrysene-d12	21.798	240	193862	20.000	ng		0.00
86) Perylene-d12	25.130	264	222000	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.676	112	206074	159.617	ng		0.00
7) Phenol-d6	7.304	99	264138	153.694	ng		0.00
23) Nitrobenzene-d5	9.319	82	181095	95.882	ng		0.00
42) 2,4,6-Tribromophenol	16.270	330	176357	155.047	ng		0.00
45) 2-Fluorobiphenyl	13.402	172	482954	89.571	ng		0.00
79) Terphenyl-d14	20.106	244	976556	100.754	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.479	88	23689	42.935	ng	#	42
3) Pyridine	3.902	79	54662	32.295	ng		95
4) n-Nitrosodimethylamine	3.802	42	44298	49.433	ng	#	97
6) Aniline	7.456	93	47221	21.876	ng		97
8) 2-Chlorophenol	7.709	128	78717	53.335	ng		98
9) Benzaldehyde	7.268	77	25809m	22.113	ng		
10) Phenol	7.333	94	94546	49.133	ng		97
11) bis(2-Chloroethyl)ether	7.550	93	70374	47.721	ng		98
12) 1,3-Dichlorobenzene	8.032	146	81551	46.997	ng		96
13) 1,4-Dichlorobenzene	8.179	146	83257	47.481	ng		99
14) 1,2-Dichlorobenzene	8.502	146	80169	47.712	ng		97
15) Benzyl Alcohol	8.385	79	77082m	55.188	ng		
16) 2,2'-oxybis(1-Chloropr...	8.661	45	133003	49.821	ng		98
17) 2-Methylphenol	8.596	107	73095	53.503	ng		99
18) Hexachloroethane	9.231	117	28606	47.399	ng		98
19) n-Nitroso-di-n-propyla...	8.949	70	66373	50.265	ng		98
20) 3+4-Methylphenols	8.925	107	100139	52.471	ng		97
22) Acetophenone	8.972	105	126945	48.937	ng		97
24) Nitrobenzene	9.360	77	93789	47.541	ng		98
25) Isophorone	9.883	82	193502	54.072	ng		98
26) 2-Nitrophenol	10.077	139	47031	51.642	ng		95
27) 2,4-Dimethylphenol	10.136	122	86018m	62.059	ng		
28) bis(2-Chloroethoxy)met...	10.359	93	104956	54.631	ng		99
29) 2,4-Dichlorophenol	10.623	162	89231	53.785	ng		99
30) 1,2,4-Trichlorobenzene	10.829	180	85886	44.560	ng		100
31) Naphthalene	11.023	128	249004	46.141	ng		100
32) Benzoic acid	10.324	122	32507m	28.506	ng		
33) 4-Chloroaniline	11.134	127	25586	11.493	ng		96
34) Hexachlorobutadiene	11.293	225	56505	42.934	ng		96
35) Caprolactam	11.910	113	30559m	53.229	ng		
36) 4-Chloro-3-methylphenol	12.251	107	105362	57.783	ng		96
37) 2-Methylnaphthalene	12.615	142	196424	48.612	ng		100
38) 1-Methylnaphthalene	12.832	142	187958	47.917	ng		97
40) 1,2,4,5-Tetrachloroben...	12.985	216	114421	45.075	ng		99
41) Hexachlorocyclopentadiene	12.956	237	47725	37.303	ng		99
43) 2,4,6-Trichlorophenol	13.226	196	78282	45.208	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.308	196	85331	44.843	ng	99
46) 1,1'-Biphenyl	13.614	154	278611	47.332	ng	100
47) 2-Chloronaphthalene	13.661	162	211161	46.153	ng	100
48) 2-Nitroaniline	13.867	65	80419	53.462	ng	99
49) Acenaphthylene	14.507	152	365141	48.465	ng	99
50) Dimethylphthalate	14.225	163	325903	50.612	ng	99
51) 2,6-Dinitrotoluene	14.354	165	69306	52.639	ng	98
52) Acenaphthene	14.842	154	260222m	52.847	ng	
53) 3-Nitroaniline	14.683	138	22204	15.363	ng	97
54) 2,4-Dinitrophenol	14.906	184	73030	96.473	ng	96
55) Dibenzofuran	15.177	168	369251	48.610	ng	99
56) 4-Nitrophenol	15.012	139	86465	76.223	ng	96
57) 2,4-Dinitrotoluene	15.147	165	102313	55.116	ng	96
58) Fluorene	15.823	166	300484	49.527	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.406	232	79065	42.881	ng	96
60) Diethylphthalate	15.576	149	332412	51.060	ng	100
61) 4-Chlorophenyl-phenyle...	15.805	204	163529	49.034	ng	99
62) 4-Nitroaniline	15.847	138	67259	44.517	ng	95
63) Azobenzene	16.099	77	285824	50.289	ng	98
65) 4,6-Dinitro-2-methylph...	15.911	198	58468	48.345	ng	98
66) n-Nitrosodiphenylamine	16.023	169	274250	45.946	ng	99
67) 4-Bromophenyl-phenylether	16.699	248	112232	45.479	ng	97
68) Hexachlorobenzene	16.828	284	124173	45.379	ng	99
69) Atrazine	16.963	200	109797	46.511	ng	99
70) Pentachlorophenol	17.180	266	96720m	57.781	ng	
71) Phenanthrene	17.562	178	523587	44.797	ng	99
72) Anthracene	17.656	178	529524	46.629	ng	99
73) Carbazole	17.927	167	481769	47.190	ng	100
74) Di-n-butylphthalate	18.455	149	580989	45.831	ng	99
75) Fluoranthene	19.566	202	622093	43.750	ng	100
77) Benzidine	19.748	184	52737m	11.759	ng	
78) Pyrene	19.924	202	629937	48.006	ng	100
80) Butylbenzylphthalate	20.782	149	250856	48.833	ng	98
81) Benzo(a)anthracene	21.781	228	630388	47.211	ng	99
82) 3,3'-Dichlorobenzidine	21.687	252	106613	22.723	ng	97
83) Chrysene	21.845	228	588415	46.290	ng	99
84) Bis(2-ethylhexyl)phtha...	21.646	149	362593	49.114	ng	99
85) Di-n-octyl phthalate	22.885	149	615053	48.682	ng	99
87) Indeno(1,2,3-cd)pyrene	28.978	276	739535	40.663	ng	98
88) Benzo(b)fluoranthene	24.066	252	654227	45.251	ng	100
89) Benzo(k)fluoranthene	24.137	252	643841	44.675	ng	99
90) Benzo(a)pyrene	24.977	252	576169	46.440	ng	100
91) Dibenzo(a,h)anthracene	29.025	278	628864	42.314	ng	99
92) Benzo(g,h,i)perylene	30.183	276	613812	40.978	ng	98

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

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