Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
Data File : BG060657.D
Acq On : 15 Mar 2024 4:02
Operator : MA/JU
Sample : P1746-03MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-01-4.0-6.0-DUPMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

Quant Time: Mar 15 05:49:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 00:45:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.320	152	94747	20.000	ng		0.00
21) Naphthalene-d8	11.170	136	449559	20.000	ng		0.00
39) Acenaphthene-d10	14.947	164	294779	20.000	ng		0.00
64) Phenanthrene-d10	17.697	188	595835	20.000	ng		0.00
76) Chrysene-d12	22.016	240	523984	20.000	ng		0.00
86) Perylene-d12	25.570	264	591655	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.811	112	640927	106.339	ng		0.00
7) Phenol-d6	7.439	99	899232	102.850	ng		0.00
23) Nitrobenzene-d5	9.524	82	536356	62.092	ng		0.00
42) 2,4,6-Tribromophenol	16.434	330	366425	107.271	ng		0.00
45) 2-Fluorobiphenyl	13.573	172	1275865	58.519	ng		0.00
79) Terphenyl-d14	20.271	244	1696744	58.531	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.643	88	93278	36.973	ng		98
3) Pyridine	4.066	79	253971	34.061	ng		93
4) n-Nitrosodimethylamine	3.990	42	161512	44.157	ng		96
6) Aniline	7.650	93	368860	34.526	ng		98
8) 2-Chlorophenol	7.873	128	334987	50.844	ng		99
9) Benzaldehyde	7.468	77	101089	20.654	ng		97
10) Phenol	7.468	94	449166	51.200	ng		97
11) bis(2-Chloroethyl)ether	7.738	93	314616	44.988	ng		98
12) 1,3-Dichlorobenzene	8.202	146	325785	45.853	ng		99
13) 1,4-Dichlorobenzene	8.361	146	337492	46.859	ng		98
14) 1,2-Dichlorobenzene	8.678	146	326594	45.658	ng		99
15) Benzyl Alcohol	8.567	79	326239	47.197	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.825	45	614488	45.261	ng		97
17) 2-Methylphenol	8.743	107	309221	45.903	ng		99
18) Hexachloroethane	9.413	117	116053	47.171	ng		97
19) n-Nitroso-di-n-propyla...	9.131	70	267521	44.142	ng		99
20) 3+4-Methylphenols	9.078	107	414842	45.661	ng		96
22) Acetophenone	9.166	105	530455	44.010	ng	#	98
24) Nitrobenzene	9.566	77	380438	44.053	ng		96
25) Isophorone	10.077	82	779601	45.092	ng		99
26) 2-Nitrophenol	10.271	139	168830	48.249	ng		93
27) 2,4-Dimethylphenol	10.294	122	300972	39.332	ng		96
28) bis(2-Chloroethoxy)met...	10.558	93	463934	44.762	ng		97
29) 2,4-Dichlorophenol	10.794	162	341919	49.786	ng		97
30) 1,2,4-Trichlorobenzene	11.011	180	335479	46.006	ng		98
31) Naphthalene	11.222	128	1115907	44.441	ng		99
32) Benzoic acid	10.412	122	228815	45.816	ng		98
33) 4-Chloroaniline	11.334	127	271833	25.673	ng		98
34) Hexachlorobutadiene	11.452	225	221631	44.559	ng		98
35) Caprolactam	12.127	113	104776m	45.321	ng		
36) 4-Chloro-3-methylphenol	12.403	107	397924	47.279	ng		100
37) 2-Methylnaphthalene	12.797	142	748621	43.165	ng		100
38) 1-Methylnaphthalene	13.014	142	699776	42.988	ng		99
40) 1,2,4,5-Tetrachloroben...	13.138	216	414569	45.795	ng		99
41) Hexachlorocyclopentadiene	13.097	237	453270	101.819	ng		99
43) 2,4,6-Trichlorophenol	13.379	196	281122	48.362	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.449	196	297454	43.257	ng	#	97
46) 1,1'-Biphenyl	13.790	154	1002686	44.750	ng		98
47) 2-Chloronaphthalene	13.843	162	782199	46.256	ng		98
48) 2-Nitroaniline	14.054	65	270710	48.504	ng		96
49) Acenaphthylene	14.683	152	1303447	47.316	ng		99
50) Dimethylphthalate	14.395	163	976039	44.149	ng		98
51) 2,6-Dinitrotoluene	14.536	165	197225	48.415	ng		99
52) Acenaphthene	15.018	154	723668	43.961	ng		96
53) 3-Nitroaniline	14.871	138	168358	35.894	ng		99
54) 2,4-Dinitrophenol	15.065	184	201751	95.309	ng		92
55) Dibenzofuran	15.347	168	1171131	43.939	ng		99
56) 4-Nitrophenol	15.141	139	335474	95.850	ng		96
57) 2,4-Dinitrotoluene	15.312	165	259787	50.694	ng		96
58) Fluorene	15.993	166	940824	44.118	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.553	232	264824	46.181	ng		93
60) Diethylphthalate	15.741	149	997421	43.848	ng		98
61) 4-Chlorophenyl-phenyle...	15.976	204	467729	43.301	ng		98
62) 4-Nitroaniline	16.034	138	223510m	46.535	ng		
63) Azobenzene	16.269	77	1042481	44.283	ng		98
65) 4,6-Dinitro-2-methylph...	16.058	198	139600	51.463	ng		93
66) n-Nitrosodiphenylamine	16.193	169	854076	45.801	ng		99
67) 4-Bromophenyl-phenylether	16.875	248	309728	48.205	ng		99
68) Hexachlorobenzene	16.963	284	356792	48.297	ng		97
69) Atrazine	17.127	200	295710	47.413	ng		97
70) Pentachlorophenol	17.315	266	447157	93.390	ng		97
71) Phenanthrene	17.738	178	1441052	44.898	ng		99
72) Anthracene	17.832	178	1462631	45.070	ng		100
73) Carbazole	18.108	167	1297297	45.975	ng		98
74) Di-n-butylphthalate	18.614	149	1614517	46.951	ng		100
75) Fluoranthene	19.730	202	1586852	44.696	ng		99
77) Benzidine	19.918	184	1042698	81.355	ng		99
78) Pyrene	20.094	202	1654297	45.240	ng		98
80) Butylbenzylphthalate	20.952	149	686548	49.663	ng		99
81) Benzo(a)anthracene	21.998	228	1653334	45.827	ng		99
82) 3,3'-Dichlorobenzidine	21.904	252	403789	33.206	ng		96
83) Chrysene	22.069	228	1579193	45.080	ng		100
84) Bis(2-ethylhexyl)phtha...	21.834	149	997973	48.873	ng		98
85) Di-n-octyl phthalate	23.161	149	1706845	50.760	ng		99
87) Indeno(1,2,3-cd)pyrene	29.689	276	1992628	49.374	ng	#	95
88) Benzo(b)fluoranthene	24.425	252	1594622	48.991	ng		98
89) Benzo(k)fluoranthene	24.501	252	1619128	47.349	ng		99
90) Benzo(a)pyrene	25.400	252	1499036	46.975	ng		99
91) Dibenzo(a,h)anthracene	29.777	278	1632218	47.642	ng		96
92) Benzo(g,h,i)perylene	30.999	276	1535189	46.281	ng		98

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

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