Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010824\
Data File : BG060288.D
Acq On : 8 Jan 2024 19:14
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/09/2024
Supervised By :mohammad ahmed 01/10/2024

Quant Time: Jan 09 04:01:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 03:51:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.935	152	252768	20.000	ng		0.00
21) Naphthalene-d8	10.738	136	1023786	20.000	ng		0.00
39) Acenaphthene-d10	14.568	164	744824	20.000	ng		0.00
64) Phenanthrene-d10	17.312	188	1762437	20.000	ng		0.00
76) Chrysene-d12	21.578	240	1678834	20.000	ng		0.00
86) Perylene-d12	24.739	264	1868575	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.502	112	1593285	103.677	ng		0.00
7) Phenol-d6	7.095	99	2142884	94.167	ng		0.00
23) Nitrobenzene-d5	9.098	82	2263353	104.393	ng		0.00
42) 2,4,6-Tribromophenol	16.061	330	1089421	99.413	ng		0.00
45) 2-Fluorobiphenyl	13.193	172	4794925	89.504	ng		0.00
79) Terphenyl-d14	19.933	244	6081798	95.850	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	349306	49.759	ng		99
3) Pyridine	3.810	79	1017432m	51.406	ng		
4) n-Nitrosodimethylamine	3.728	42	319109	51.281	ng		98
6) Aniline	7.259	93	1075000	47.262	ng		99
8) 2-Chlorophenol	7.494	128	731199	48.010	ng		95
9) Benzaldehyde	7.071	77	576064	44.173	ng		98
10) Phenol	7.124	94	1085579	47.580	ng		99
11) bis(2-Chloroethyl)ether	7.353	93	893948	48.083	ng		98
12) 1,3-Dichlorobenzene	7.823	146	964977	50.478	ng		100
13) 1,4-Dichlorobenzene	7.970	146	960081	49.498	ng		99
14) 1,2-Dichlorobenzene	8.287	146	962435	48.255	ng		99
15) Benzyl Alcohol	8.170	79	764673	51.911	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.458	45	1089678	48.292	ng		98
17) 2-Methylphenol	8.370	107	798866	50.977	ng		99
18) Hexachloroethane	9.010	117	334568	49.197	ng		98
19) n-Nitroso-di-n-propyla...	8.734	70	805771	51.161	ng		96
20) 3+4-Methylphenols	8.699	107	1090659	51.618	ng		94
22) Acetophenone	8.752	105	1467302	52.139	ng	#	99
24) Nitrobenzene	9.139	77	1166042	51.880	ng		97
25) Isophorone	9.656	82	2202957	50.595	ng		97
26) 2-Nitrophenol	9.844	139	451196	54.599	ng		97
27) 2,4-Dimethylphenol	9.903	122	571426	52.331	ng		97
28) bis(2-Chloroethoxy)met...	10.138	93	1363347	51.247	ng		99
29) 2,4-Dichlorophenol	10.379	162	931733	52.655	ng		98
30) 1,2,4-Trichlorobenzene	10.597	180	1115652	50.678	ng		95
31) Naphthalene	10.785	128	2643402	49.257	ng		99
32) Benzoic acid	10.056	122	480790	49.465	ng		90
33) 4-Chloroaniline	10.890	127	1050997	50.827	ng		99
34) Hexachlorobutadiene	11.067	225	698830	48.730	ng		97
35) Caprolactam	11.672	113	282867	49.632	ng		97
36) 4-Chloro-3-methylphenol	12.018	107	909153	50.575	ng		97
37) 2-Methylnaphthalene	12.394	142	1958923	49.217	ng		96
38) 1-Methylnaphthalene	12.612	142	1909316	47.772	ng		99
40) 1,2,4,5-Tetrachloroben...	12.759	216	1262808	47.738	ng		99
41) Hexachlorocyclopentadiene	12.735	237	465211	52.970	ng		98
43) 2,4,6-Trichlorophenol	13.000	196	826375	49.089	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	937917	50.513	ng	96
46) 1,1'-Biphenyl	13.399	154	2696582	47.963	ng	100
47) 2-Chloronaphthalene	13.446	162	2307505	47.908	ng	99
48) 2-Nitroaniline	13.652	65	625124	52.116	ng	99
49) Acenaphthylene	14.292	152	3263455	49.203	ng	99
50) Dimethylphthalate	14.022	163	2749701	48.310	ng	100
51) 2,6-Dinitrotoluene	14.145	165	642106	52.869	ng	95
52) Acenaphthene	14.633	154	2022947	48.982	ng	99
53) 3-Nitroaniline	14.474	138	580724	52.475	ng	99
54) 2,4-Dinitrophenol	14.680	184	330067	48.599	ng	93
55) Dibenzofuran	14.968	168	3320010	48.155	ng	98
56) 4-Nitrophenol	14.780	139	451611	55.017	ng	99
57) 2,4-Dinitrotoluene	14.933	165	872123	52.365	ng	93
58) Fluorene	15.614	166	2734080	47.888	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.191	232	796772	50.534	ng	99
60) Diethylphthalate	15.385	149	2669628	48.856	ng	99
61) 4-Chlorophenyl-phenyle...	15.608	204	1507786	47.940	ng	100
62) 4-Nitroaniline	15.644	138	613120	52.113	ng	99
63) Azobenzene	15.902	77	2697931	48.815	ng	99
65) 4,6-Dinitro-2-methylph...	15.696	198	533818	54.750	ng	94
66) n-Nitrosodiphenylamine	15.826	169	2376496	50.783	ng	97
67) 4-Bromophenyl-phenylether	16.501	248	979182	50.563	ng	99
68) Hexachlorobenzene	16.619	284	1144031	49.907	ng	99
69) Atrazine	16.772	200	884169	50.106	ng	98
70) Pentachlorophenol	16.960	266	702836	56.950	ng	97
71) Phenanthrene	17.359	178	4125299	48.426	ng	98
72) Anthracene	17.447	178	4100814	48.216	ng	97
73) Carbazole	17.718	167	3909692	48.760	ng	98
74) Di-n-butylphthalate	18.276	149	3994389	48.416	ng	97
75) Fluoranthene	19.369	202	4747485	46.399	ng	97
77) Benzidine	19.557	184	1948934	53.435	ng	100
78) Pyrene	19.733	202	4966106	46.321	ng	97
80) Butylbenzylphthalate	20.620	149	1924371	52.172	ng	99
81) Benzo(a)anthracene	21.560	228	4893525	47.084	ng	96
82) 3,3'-Dichlorobenzidine	21.478	252	2036956	51.177	ng	99
83) Chrysene	21.625	228	4807311	47.030	ng	98
84) Bis(2-ethylhexyl)phtha...	21.466	149	2858195	51.280	ng	97
85) Di-n-octyl phthalate	22.653	149	4611017	51.051	ng	99
87) Indeno(1,2,3-cd)pyrene	28.346	276	6643017	51.130	ng	99
88) Benzo(b)fluoranthene	23.734	252	5483408	49.674	ng	99
89) Benzo(k)fluoranthene	23.805	252	5400066	49.573	ng	99
90) Benzo(a)pyrene	24.592	252	5005876	50.200	ng	99
91) Dibenzo(a,h)anthracene	28.417	278	5414076	51.026	ng	98
92) Benzo(g,h,i)perylene	29.480	276	5469037	50.291	ng	99

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

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