Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012424\
Data File : BG060419.D
Acq On : 24 Jan 2024 17:37
Operator : MA/JU
Sample : P1233-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 25 00:06:17 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 04:07:12 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
69-TP-1MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/25/2024
Supervised By :Sohil Jodhani 01/26/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.924	152	150013	20.000	ng		0.00
21) Naphthalene-d8	10.732	136	698342	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	584255	20.000	ng		0.00
64) Phenanthrene-d10	17.313	188	1537087	20.000	ng		0.00
76) Chrysene-d12	21.578	240	1362743	20.000	ng		0.00
86) Perylene-d12	24.733	264	1548681	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.503	112	919403	100.806	ng		0.00
7) Phenol-d6	7.095	99	1298780	96.168	ng		0.00
23) Nitrobenzene-d5	9.087	82	782690	52.923	ng		0.00
42) 2,4,6-Tribromophenol	16.055	330	891279	103.684	ng		0.00
45) 2-Fluorobiphenyl	13.188	172	2207246	52.524	ng		0.00
79) Terphenyl-d14	19.927	244	3859947	65.533	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.400	88	174711	41.936	ng		99
3) Pyridine	3.793	79	481598	40.971	ng		93
4) n-Nitrosodimethylamine	3.711	42	177171	48.160	ng	#	99
6) Aniline	7.248	93	370698	27.461	ng		99
8) 2-Chlorophenol	7.489	128	477006	52.773	ng		93
9) Benzaldehyde	7.066	77	258767m	33.380	ng		
10) Phenol	7.125	94	709695	52.412	ng		98
11) bis(2-Chloroethyl)ether	7.348	93	481469	43.635	ng		96
12) 1,3-Dichlorobenzene	7.812	146	507160	44.701	ng		99
13) 1,4-Dichlorobenzene	7.965	146	520633	45.228	ng		100
14) 1,2-Dichlorobenzene	8.282	146	528451	44.645	ng		98
15) Benzyl Alcohol	8.165	79	486547	55.654	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.441	45	625708m	46.722	ng		
17) 2-Methylphenol	8.370	107	484333	52.076	ng		99
18) Hexachloroethane	9.005	117	184315	45.667	ng		97
19) n-Nitroso-di-n-propyla...	8.729	70	434297	46.463	ng		94
20) 3+4-Methylphenols	8.699	107	693485	55.303	ng		98
22) Acetophenone	8.746	105	846183	44.081	ng		99
24) Nitrobenzene	9.134	77	616655	40.223	ng		98
25) Isophorone	9.651	82	1251985	42.154	ng		99
26) 2-Nitrophenol	9.845	139	287647	51.029	ng		92
27) 2,4-Dimethylphenol	9.904	122	434876	58.385	ng		95
28) bis(2-Chloroethoxy)met...	10.133	93	750970	41.383	ng	#	98
29) 2,4-Dichlorophenol	10.380	162	631094	52.286	ng		99
30) 1,2,4-Trichlorobenzene	10.591	180	636256	42.371	ng		96
31) Naphthalene	10.779	128	1595674	43.590	ng		99
32) Benzoic acid	10.033	122	281978m	43.959	ng		
33) 4-Chloroaniline	10.891	127	270875	19.204	ng		97
34) Hexachlorobutadiene	11.061	225	401417	41.036	ng		94
35) Caprolactam	11.672	113	236211m	60.760	ng		
36) 4-Chloro-3-methylphenol	12.019	107	687319	56.053	ng		97
37) 2-Methylnaphthalene	12.389	142	1235416	45.504	ng		97
38) 1-Methylnaphthalene	12.606	142	1199018	43.980	ng		98
40) 1,2,4,5-Tetrachloroben...	12.759	216	859469	41.420	ng		99
41) Hexachlorocyclopentadiene	12.736	237	715933	103.922	ng		99
43) 2,4,6-Trichlorophenol	13.000	196	650983	49.298	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.071	196	735649	50.508	ng	98
46) 1,1'-Biphenyl	13.400	154	1861578	42.211	ng	98
47) 2-Chloronaphthalene	13.441	162	1561522	41.330	ng	99
48) 2-Nitroaniline	13.646	65	478174	50.821	ng	99
49) Acenaphthylene	14.287	152	2574948	49.492	ng	99
50) Dimethylphthalate	14.017	163	2035981	45.601	ng	99
51) 2,6-Dinitrotoluene	14.140	165	472531	49.599	ng	97
52) Acenaphthene	14.628	154	1448849	44.722	ng	99
53) 3-Nitroaniline	14.475	138	235733	27.155	ng	92
54) 2,4-Dinitrophenol	14.680	184	483282	83.273	ng	99
55) Dibenzofuran	14.963	168	2562797	47.388	ng	97
56) 4-Nitrophenol	14.792	139	750129	116.498	ng	95
57) 2,4-Dinitrotoluene	14.927	165	692149	52.980	ng	93
58) Fluorene	15.615	166	2106089	47.026	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	706111	57.091	ng	99
60) Diethylphthalate	15.380	149	2062653	48.122	ng	99
61) 4-Chlorophenyl-phenyle...	15.603	204	1130414	45.819	ng	98
62) 4-Nitroaniline	15.638	138	465270	50.358	ng	95
63) Azobenzene	15.897	77	1984615	45.777	ng	98
65) 4,6-Dinitro-2-methylph...	15.691	198	394443	46.386	ng	97
66) n-Nitrosodiphenylamine	15.820	169	1921734	47.086	ng	99
67) 4-Bromophenyl-phenylether	16.496	248	773842	45.818	ng	95
68) Hexachlorobenzene	16.619	284	877970	43.915	ng	97
69) Atrazine	16.766	200	760671	49.428	ng	99
70) Pentachlorophenol	16.966	266	1073044	99.575	ng	94
71) Phenanthrene	17.354	178	3425615	46.108	ng	98
72) Anthracene	17.448	178	3501581	47.206	ng	99
73) Carbazole	17.718	167	3143185	44.947	ng	97
74) Di-n-butylphthalate	18.270	149	3347578	46.525	ng	99
75) Fluoranthene	19.369	202	3850611	43.151	ng	96
77) Benzidine	19.551	184	1385021	46.782	ng	99
78) Pyrene	19.733	202	3988069	45.827	ng	95
80) Butylbenzylphthalate	20.615	149	1562341	52.182	ng	98
81) Benzo(a)anthracene	21.555	228	3965959	47.010	ng	99
82) 3,3'-Dichlorobenzidine	21.473	252	843892	26.120	ng	99
83) Chrysene	21.625	228	3772686	45.469	ng	97
84) Bis(2-ethylhexyl)phtha...	21.461	149	2250437	49.742	ng	97
85) Di-n-octyl phthalate	22.648	149	3810556	51.974	ng	99
87) Indeno(1,2,3-cd)pyrene	28.353	276	5030862	46.720	ng	96
88) Benzo(b)fluoranthene	23.735	252	4099582	44.809	ng	98
89) Benzo(k)fluoranthene	23.799	252	4171461	46.205	ng	98
90) Benzo(a)pyrene	24.592	252	3901933	47.212	ng	99
91) Dibenzo(a,h)anthracene	28.411	278	4089107	46.499	ng	99
92) Benzo(g,h,i)perylene	29.481	276	3653611	40.537	ng	99

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

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