Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011224\
Data File : BG060319.D
Acq On : 12 Jan 2024 17:09
Operator : MA/JU
Sample : P1123-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BASIN-4-RAMP-TMSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

Quant Time: Jan 12 23:42:31 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.930	152	262934	20.000	ng		0.00
21) Naphthalene-d8	10.732	136	1026687	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	746412	20.000	ng		0.00
64) Phenanthrene-d10	17.313	188	1832984	20.000	ng		0.00
76) Chrysene-d12	21.578	240	1676563	20.000	ng		0.00
86) Perylene-d12	24.739	264	1864825	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.503	112	1378565	86.236	ng		0.00
7) Phenol-d6	7.095	99	2288663	96.685	ng		0.00
23) Nitrobenzene-d5	9.093	82	1340961	61.674	ng		0.00
42) 2,4,6-Tribromophenol	16.055	330	1042699	94.947	ng		0.00
45) 2-Fluorobiphenyl	13.188	172	3180888	59.249	ng		0.00
79) Terphenyl-d14	19.933	244	4669137	63.984	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	301191	41.246	ng		95
3) Pyridine	3.799	79	791343	38.409	ng		98
4) n-Nitrosodimethylamine	3.717	42	302062	46.846	ng		91
6) Aniline	7.254	93	733408	30.997	ng		97
8) 2-Chlorophenol	7.495	128	729373	46.038	ng		97
9) Benzaldehyde	7.066	77	140636	10.350	ng		96
10) Phenol	7.125	94	1118688	47.135	ng		100
11) bis(2-Chloroethyl)ether	7.348	93	834858	43.168	ng		96
12) 1,3-Dichlorobenzene	7.818	146	814298	40.949	ng		97
13) 1,4-Dichlorobenzene	7.965	146	836636	41.466	ng		99
14) 1,2-Dichlorobenzene	8.282	146	817930	39.424	ng		99
15) Benzyl Alcohol	8.165	79	691934m	45.157	ng		
16) 2,2'-oxybis(1-Chloropr...	8.452	45	932341m	39.720	ng		
17) 2-Methylphenol	8.370	107	706537	43.342	ng		97
18) Hexachloroethane	9.011	117	286446	40.492	ng		98
19) n-Nitroso-di-n-propyla...	8.729	70	660807	40.335	ng		98
20) 3+4-Methylphenols	8.699	107	978425	44.516	ng		98
22) Acetophenone	8.752	105	1282387	45.439	ng	#	99
24) Nitrobenzene	9.134	77	937306	41.585	ng		99
25) Isophorone	9.651	82	1742214	39.900	ng		99
26) 2-Nitrophenol	9.845	139	388467	46.875	ng		97
27) 2,4-Dimethylphenol	9.904	122	620968	56.707	ng		97
28) bis(2-Chloroethoxy)met...	10.139	93	1110881	41.639	ng		99
29) 2,4-Dichlorophenol	10.380	162	828920	46.712	ng		99
30) 1,2,4-Trichlorobenzene	10.591	180	906851	41.077	ng		93
31) Naphthalene	10.785	128	2242027	41.660	ng		99
32) Benzoic acid	10.045	122	351226	38.802	ng	#	85
33) 4-Chloroaniline	10.891	127	412196	19.878	ng		98
34) Hexachlorobutadiene	11.067	225	577610	40.164	ng		95
35) Caprolactam	11.666	113	267739m	46.845	ng		
36) 4-Chloro-3-methylphenol	12.019	107	833059	46.211	ng		97
37) 2-Methylnaphthalene	12.389	142	1639182	41.067	ng		99
38) 1-Methylnaphthalene	12.612	142	1617868	40.365	ng		100
40) 1,2,4,5-Tetrachloroben...	12.759	216	1177958	44.436	ng		99
41) Hexachlorocyclopentadiene	12.736	237	1150103	130.676	ng		99
43) 2,4,6-Trichlorophenol	12.994	196	765802	45.394	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.071	196	824123	44.290	ng		97
46) 1,1'-Biphenyl	13.400	154	2431599	43.158	ng		99
47) 2-Chloronaphthalene	13.441	162	1987116	41.169	ng		99
48) 2-Nitroaniline	13.646	65	572460	47.624	ng		99
49) Acenaphthylene	14.293	152	3072235	46.222	ng		98
50) Dimethylphthalate	14.022	163	2407327	42.205	ng		98
51) 2,6-Dinitrotoluene	14.140	165	540169	44.381	ng		93
52) Acenaphthene	14.633	154	1772402	42.824	ng		98
53) 3-Nitroaniline	14.475	138	319516	28.810	ng		94
54) 2,4-Dinitrophenol	14.680	184	528567	72.525	ng		94
55) Dibenzofuran	14.962	168	3022746	43.750	ng		97
56) 4-Nitrophenol	14.786	139	834666	101.466	ng		98
57) 2,4-Dinitrotoluene	14.927	165	769624	46.113	ng		93
58) Fluorene	15.615	166	2455070	42.909	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.192	232	768525	48.638	ng		100
60) Diethylphthalate	15.385	149	2301075	42.021	ng		100
61) 4-Chlorophenyl-phenyle...	15.609	204	1319846	41.875	ng		97
62) 4-Nitroaniline	15.638	138	525455	44.517	ng		98
63) Azobenzene	15.897	77	2386607	43.090	ng		98
65) 4,6-Dinitro-2-methylph...	15.691	198	434883	42.886	ng		97
66) n-Nitrosodiphenylamine	15.820	169	2182529	44.843	ng		98
67) 4-Bromophenyl-phenylether	16.502	248	868622	43.127	ng		98
68) Hexachlorobenzene	16.619	284	1001249	41.997	ng		99
69) Atrazine	16.772	200	883888	48.163	ng		98
70) Pentachlorophenol	16.966	266	1181437	91.935	ng		93
71) Phenanthrene	17.360	178	3913043	44.166	ng		99
72) Anthracene	17.448	178	3912763	44.234	ng		98
73) Carbazole	17.718	167	3594258	43.101	ng		99
74) Di-n-butylphthalate	18.276	149	3693436	43.045	ng		100
75) Fluoranthene	19.369	202	4440226	41.726	ng		99
77) Benzidine	19.551	184	1694761	46.529	ng		99
78) Pyrene	19.733	202	4640472	43.343	ng		99
80) Butylbenzylphthalate	20.621	149	1759843	47.777	ng		99
81) Benzo(a)anthracene	21.555	228	4561614	43.950	ng		98
82) 3,3'-Dichlorobenzidine	21.478	252	1103773	27.769	ng		98
83) Chrysene	21.625	228	4345643	42.571	ng		99
84) Bis(2-ethylhexyl)phtha...	21.467	149	2570310	46.178	ng		98
85) Di-n-octyl phthalate	22.653	149	4254673	47.170	ng		100
87) Indeno(1,2,3-cd)pyrene	28.347	276	5887398	45.405	ng	#	94
88) Benzo(b)fluoranthene	23.735	252	4849365	44.019	ng		99
89) Benzo(k)fluoranthene	23.805	252	4729705	43.507	ng		99
90) Benzo(a)pyrene	24.592	252	4484006	45.057	ng		99
91) Dibenzo(a,h)anthracene	28.411	278	4671387	44.115	ng		99
92) Benzo(g,h,i)perylene	29.475	276	4675545	43.081	ng		100

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

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