Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011224\
Data File : BG060322.D
Acq On : 12 Jan 2024 19:11
Operator : MA/JU
Sample : P1104-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Manual Integrations APPROVED

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

Quant Time: Jan 12 23:44:02 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	7.932	152	279969	20.000	ng		0.00
21) Naphthalene-d8	10.729	136	1067591	20.000	ng		0.00
39) Acenaphthene-d10	14.566	164	782809	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	1883414	20.000	ng		0.00
76) Chrysene-d12	21.575	240	1794371	20.000	ng		0.00
86) Perylene-d12	24.742	264	1989007	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.506	112	1920723	112.840	ng		0.00
7) Phenol-d6	7.098	99	2864967	113.666	ng		0.00
23) Nitrobenzene-d5	9.095	82	1994547	88.220	ng		0.00
42) 2,4,6-Tribromophenol	16.058	330	1504467	130.626	ng		0.00
45) 2-Fluorobiphenyl	13.191	172	4431255	78.702	ng		0.00
79) Terphenyl-d14	19.930	244	5819273	80.010	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.420	88	250149	32.172	ng	#	69
3) Pyridine	3.813	79	533612	24.324	ng		94
4) n-Nitrosodimethylamine	3.719	42	224835	32.748	ng		96
6) Aniline	7.256	93	578211	22.951	ng		99
8) 2-Chlorophenol	7.497	128	740503	43.897	ng		96
9) Benzaldehyde	7.068	77	142801m	9.870	ng		
10) Phenol	7.121	94	1037150	41.041	ng		97
11) bis(2-Chloroethyl)ether	7.350	93	829273	40.271	ng		96
12) 1,3-Dichlorobenzene	7.820	146	791937	37.401	ng		97
13) 1,4-Dichlorobenzene	7.967	146	823341	38.324	ng		100
14) 1,2-Dichlorobenzene	8.285	146	807975	36.575	ng		99
15) Benzyl Alcohol	8.167	79	727046m	44.561	ng		
16) 2,2'-oxybis(1-Chloropr...	8.449	45	948959m	37.968	ng		
17) 2-Methylphenol	8.373	107	716133	41.258	ng		99
18) Hexachloroethane	9.013	117	273111	36.258	ng		97
19) n-Nitroso-di-n-propyla...	8.731	70	683448	39.178	ng		97
20) 3+4-Methylphenols	8.702	107	978581	41.814	ng		98
22) Acetophenone	8.749	105	1345149	45.837	ng	#	99
24) Nitrobenzene	9.137	77	982764	41.932	ng		96
25) Isophorone	9.654	82	1872828	41.248	ng		99
26) 2-Nitrophenol	9.842	139	404958	46.993	ng		97
27) 2,4-Dimethylphenol	9.900	122	638285	56.055	ng		99
28) bis(2-Chloroethoxy)met...	10.135	93	1183316	42.655	ng		98
29) 2,4-Dichlorophenol	10.382	162	868744	47.081	ng		99
30) 1,2,4-Trichlorobenzene	10.594	180	933198	40.651	ng		94
31) Naphthalene	10.782	128	2284653	40.825	ng		97
32) Benzoic acid	10.036	122	340350	36.854	ng		91
33) 4-Chloroaniline	10.893	127	101447	4.705	ng		98
34) Hexachlorobutadiene	11.064	225	587887	39.312	ng		97
35) Caprolactam	11.663	113	248284m	41.776	ng		
36) 4-Chloro-3-methylphenol	12.016	107	853981	45.556	ng		99
37) 2-Methylnaphthalene	12.392	142	1688022	40.670	ng		96
38) 1-Methylnaphthalene	12.609	142	1672397	40.127	ng		100
40) 1,2,4,5-Tetrachloroben...	12.756	216	1217370	43.788	ng		99
41) Hexachlorocyclopentadiene	12.738	237	1198492	129.842	ng		99
43) 2,4,6-Trichlorophenol	12.997	196	803831	45.433	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.073	196	898182	46.026	ng		99
46) 1,1'-Biphenyl	13.402	154	2526797	42.762	ng		99
47) 2-Chloronaphthalene	13.443	162	2085023	41.189	ng		100
48) 2-Nitroaniline	13.649	65	608819	48.294	ng		99
49) Acenaphthylene	14.289	152	3212391	46.083	ng		97
50) Dimethylphthalate	14.019	163	2505364	41.881	ng		99
51) 2,6-Dinitrotoluene	14.142	165	568926	44.570	ng		94
52) Acenaphthene	14.630	154	1831975	42.205	ng		99
53) 3-Nitroaniline	14.472	138	244113	20.988	ng		100
54) 2,4-Dinitrophenol	14.677	184	520062	68.571	ng		97
55) Dibenzofuran	14.965	168	3126627	43.150	ng		97
56) 4-Nitrophenol	14.783	139	821556	95.229	ng		99
57) 2,4-Dinitrotoluene	14.930	165	811469	46.359	ng		97
58) Fluorene	15.617	166	2599433	43.320	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.194	232	803286	48.475	ng		100
60) Diethylphthalate	15.382	149	2449373	42.650	ng		99
61) 4-Chlorophenyl-phenyle...	15.605	204	1406394	42.546	ng		98
62) 4-Nitroaniline	15.641	138	548297	44.292	ng		99
63) Azobenzene	15.899	77	2500744	43.052	ng		99
65) 4,6-Dinitro-2-methylph...	15.694	198	424946	40.784	ng		96
66) n-Nitrosodiphenylamine	15.823	169	2272962	45.451	ng		98
67) 4-Bromophenyl-phenylether	16.504	248	905266	43.743	ng		98
68) Hexachlorobenzene	16.616	284	1050201	42.871	ng		99
69) Atrazine	16.769	200	917534	48.657	ng		99
70) Pentachlorophenol	16.963	266	1222929	92.616	ng		94
71) Phenanthrene	17.356	178	4025843	44.223	ng		98
72) Anthracene	17.450	178	4062057	44.692	ng		98
73) Carbazole	17.721	167	3714755	43.353	ng		99
74) Di-n-butylphthalate	18.273	149	3799517	43.096	ng		98
75) Fluoranthene	19.372	202	4555431	41.662	ng		99
77) Benzidine	19.554	184	530060	13.597	ng		99
78) Pyrene	19.730	202	4732718	41.302	ng		100
80) Butylbenzylphthalate	20.623	149	1859128	47.158	ng		97
81) Benzo(a)anthracene	21.557	228	4770371	42.943	ng		96
82) 3,3'-Dichlorobenzidine	21.475	252	1099362	25.842	ng		99
83) Chrysene	21.622	228	4588761	42.001	ng		99
84) Bis(2-ethylhexyl)phtha...	21.463	149	2707318	45.446	ng		96
85) Di-n-octyl phthalate	22.650	149	4476530	46.371	ng		100
87) Indeno(1,2,3-cd)pyrene	28.349	276	6110053	44.181	ng	#	95
88) Benzo(b)fluoranthene	23.737	252	5186254	44.138	ng		99
89) Benzo(k)fluoranthene	23.802	252	4984097	42.984	ng		98
90) Benzo(a)pyrene	24.595	252	4703854	44.315	ng		99
91) Dibenzo(a,h)anthracene	28.414	278	5064231	44.839	ng		99
92) Benzo(g,h,i)perylene	29.477	276	4584096	39.601	ng		99

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

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