Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
Data File : BG058665.D
Acq On : 9 Aug 2023 19:21
Operator : MA/JU
Sample : 03939-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

Quant Time: Aug 10 02:55:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.811	152	40792	20.000	ng		0.00
21) Naphthalene-d8	10.614	136	184012	20.000	ng		0.00
39) Acenaphthene-d10	14.462	164	135318	20.000	ng		0.00
64) Phenanthrene-d10	17.206	188	332474	20.000	ng		0.00
76) Chrysene-d12	21.448	240	287504	20.000	ng		0.00
86) Perylene-d12	24.515	264	365544	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.385	112	323315	121.145	ng		0.00
7) Phenol-d6	6.989	99	453285	122.059	ng		0.00
23) Nitrobenzene-d5	8.975	82	267068	71.299	ng		0.00
42) 2,4,6-Tribromophenol	15.955	330	234061	105.530	ng		0.00
45) 2-Fluorobiphenyl	13.082	172	583284	64.596	ng		0.00
79) Terphenyl-d14	19.821	244	1048661	68.592	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.264	88	55131	42.630	ng		98
3) Pyridine	3.663	79	138906	39.397	ng		95
4) n-Nitrosodimethylamine	3.581	42	73008	48.871	ng		94
6) Aniline	7.136	93	121025	26.470	ng		99
8) 2-Chlorophenol	7.377	128	154924	59.172	ng		97
9) Benzaldehyde	6.954	77	77720	38.521	ng		98
10) Phenol	7.012	94	217677	60.005	ng		99
11) bis(2-Chloroethyl)ether	7.236	93	145819	50.987	ng		95
12) 1,3-Dichlorobenzene	7.700	146	146308	52.332	ng		98
13) 1,4-Dichlorobenzene	7.847	146	147817	52.657	ng		96
14) 1,2-Dichlorobenzene	8.164	146	146423	54.556	ng		97
15) Benzyl Alcohol	8.052	79	150679	63.980	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.340	45	259954	55.957	ng		97
17) 2-Methylphenol	8.264	107	145420	54.825	ng		99
18) Hexachloroethane	8.887	117	53505	52.439	ng		97
19) n-Nitroso-di-n-propyla...	8.616	70	125980	52.519	ng		97
20) 3+4-Methylphenols	8.593	107	206976	57.688	ng		98
22) Acetophenone	8.634	105	243000	49.319	ng	#	98
24) Nitrobenzene	9.022	77	185094	48.606	ng		98
25) Isophorone	9.539	82	369040	47.683	ng		99
26) 2-Nitrophenol	9.733	139	84416	50.925	ng		97
27) 2,4-Dimethylphenol	9.791	122	144080	52.401	ng		100
28) bis(2-Chloroethoxy)met...	10.021	93	216301	51.355	ng		99
29) 2,4-Dichlorophenol	10.267	162	159583	55.898	ng		98
30) 1,2,4-Trichlorobenzene	10.479	180	166042	50.432	ng		99
31) Naphthalene	10.661	128	468843	48.342	ng		99
32) Benzoic acid	9.968	122	100388	47.842	ng		98
33) 4-Chloroaniline	10.784	127	65484	15.981	ng		97
34) Hexachlorobutadiene	10.943	225	100932	47.603	ng		98
35) Caprolactam	11.566	113	55626m	52.764	ng		
36) 4-Chloro-3-methylphenol	11.912	107	197514	55.928	ng		97
37) 2-Methylnaphthalene	12.277	142	328355	47.331	ng		99
38) 1-Methylnaphthalene	12.500	142	322685	48.931	ng		99
40) 1,2,4,5-Tetrachloroben...	12.647	216	196930	47.403	ng		99
41) Hexachlorocyclopentadiene	12.623	237	162419	83.817	ng		97
43) 2,4,6-Trichlorophenol	12.894	196	145453	50.903	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	158372	47.055	ng		99
46) 1,1'-Biphenyl	13.293	154	450780	48.507	ng		99
47) 2-Chloronaphthalene	13.334	162	358532	49.481	ng		98
48) 2-Nitroaniline	13.546	65	143176	51.769	ng		99
49) Acenaphthylene	14.180	152	595380	49.079	ng		99
50) Dimethylphthalate	13.922	163	489584	48.174	ng		99
51) 2,6-Dinitrotoluene	14.045	165	111643	50.067	ng		98
52) Acenaphthene	14.527	154	339451	48.427	ng		98
53) 3-Nitroaniline	14.374	138	54130	24.263	ng		94
54) 2,4-Dinitrophenol	14.586	184	98771	78.708	ng		99
55) Dibenzofuran	14.862	168	579749	48.133	ng		100
56) 4-Nitrophenol	14.697	139	166195	99.679	ng		97
57) 2,4-Dinitrotoluene	14.833	165	158345	51.220	ng		94
58) Fluorene	15.508	166	467050	48.812	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.091	232	143655	50.020	ng		99
60) Diethylphthalate	15.279	149	498225	48.122	ng		99
61) 4-Chlorophenyl-phenyle...	15.502	204	257587	48.287	ng		98
62) 4-Nitroaniline	15.544	138	107629	50.927	ng		99
63) Azobenzene	15.796	77	494495	48.491	ng		99
65) 4,6-Dinitro-2-methylph...	15.602	198	90402	49.313	ng		97
66) n-Nitrosodiphenylamine	15.720	169	414426	47.892	ng		100
67) 4-Bromophenyl-phenylether	16.395	248	178519	47.340	ng		96
68) Hexachlorobenzene	16.513	284	203294	50.875	ng		99
69) Atrazine	16.672	200	169850	58.144	ng		99
70) Pentachlorophenol	16.860	266	185062	76.515	ng		98
71) Phenanthrene	17.247	178	759087	48.143	ng		100
72) Anthracene	17.341	178	771096	47.662	ng		99
73) Carbazole	17.612	167	718760	50.380	ng		99
74) Di-n-butylphthalate	18.164	149	878652	49.170	ng		100
75) Fluoranthene	19.263	202	908660	47.976	ng		99
77) Benzidine	19.451	184	257331	59.025	ng		98
78) Pyrene	19.627	202	936579	47.867	ng		99
80) Butylbenzylphthalate	20.514	149	389888	48.512	ng		100
81) Benzo(a)anthracene	21.431	228	962517	48.647	ng		100
82) 3,3'-Dichlorobenzidine	21.348	252	195095	29.163	ng		98
83) Chrysene	21.495	228	898376	47.357	ng		99
84) Bis(2-ethylhexyl)phtha...	21.331	149	577235	49.148	ng		99
85) Di-n-octyl phthalate	22.482	149	1008249	48.829	ng		99
87) Indeno(1,2,3-cd)pyrene	28.017	276	1183232	48.656	ng	#	81
88) Benzo(b)fluoranthene	23.546	252	1027585	51.829	ng		99
89) Benzo(k)fluoranthene	23.611	252	969620	48.682	ng		99
90) Benzo(a)pyrene	24.380	252	918609	47.179	ng		99
91) Dibenzo(a,h)anthracene	28.076	278	980471	48.760	ng		99
92) Benzo(g,h,i)perylene	29.110	276	944326	46.834	ng		97

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

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