Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
Data File : BG058827.D
Acq On : 23 Aug 2023 18:19
Operator : MA/JU
Sample : 04110-05MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

Quant Time: Aug 24 02:45:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 01:40:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	17532	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	84055	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	67870	20.000	ng	0.00
64) Phenanthrene-d10	17.202	188	166761	20.000	ng	0.00
76) Chrysene-d12	21.450	240	138076	20.000	ng	0.00
86) Perylene-d12	24.511	264	176708	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	112564	103.322	ng	0.00
7) Phenol-d6	6.984	99	163168	106.750	ng	0.00
23) Nitrobenzene-d5	8.970	82	100521	57.496	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	97096	91.239	ng	0.00
45) 2-Fluorobiphenyl	13.071	172	245510	52.613	ng	0.00
79) Terphenyl-d14	19.822	244	457655	59.515	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.259	88	19614	38.294	ng	97
3) Pyridine	3.653	79	49381	36.484	ng	95
4) n-Nitrosodimethylamine	3.576	42	33174	45.083	ng	95
6) Aniline	7.131	93	47101	25.208	ng	99
8) 2-Chlorophenol	7.372	128	65936	59.858	ng	99
9) Benzaldehyde	6.943	77	26246m	30.612	ng	
10) Phenol	7.008	94	90372	61.315	ng	98
11) bis(2-Chloroethyl)ether	7.225	93	56861	49.441	ng	99
12) 1,3-Dichlorobenzene	7.695	146	60619	51.808	ng	98
13) 1,4-Dichlorobenzene	7.842	146	60484	51.119	ng	97
14) 1,2-Dichlorobenzene	8.159	146	59812	52.302	ng	97
15) Benzyl Alcohol	8.048	79	66740	61.070	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.324	45	128552m	52.449	ng	
17) 2-Methylphenol	8.259	107	61670	56.968	ng	96
18) Hexachloroethane	8.882	117	22266	51.650	ng	94
19) n-Nitroso-di-n-propyla...	8.612	70	52463	53.098	ng	98
20) 3+4-Methylphenols	8.588	107	86654	59.539	ng	99
22) Acetophenone	8.629	105	102591	45.088	ng	99
24) Nitrobenzene	9.011	77	77318	44.465	ng	96
25) Isophorone	9.534	82	156638	45.052	ng	100
26) 2-Nitrophenol	9.722	139	36767	50.556	ng	98
27) 2,4-Dimethylphenol	9.787	122	64429	52.274	ng	96
28) bis(2-Chloroethoxy)met...	10.016	93	86464	46.949	ng	96
29) 2,4-Dichlorophenol	10.263	162	71817	56.704	ng	99
30) 1,2,4-Trichlorobenzene	10.468	180	71006	46.427	ng	98
31) Naphthalene	10.656	128	202089	45.790	ng	99
32) Benzoic acid	9.963	122	46173	59.560	ng	97
33) 4-Chloroaniline	10.774	127	31970	17.176	ng	97
34) Hexachlorobutadiene	10.933	225	46310	44.865	ng	97
35) Caprolactam	11.561	113	24946m	54.967	ng	
36) 4-Chloro-3-methylphenol	11.908	107	88583	56.242	ng	99
37) 2-Methylnaphthalene	12.272	142	150150	47.368	ng	98
38) 1-Methylnaphthalene	12.490	142	146198	48.587	ng	100
40) 1,2,4,5-Tetrachloroben...	12.642	216	90101	43.062	ng	99
41) Hexachlorocyclopentadiene	12.619	237	69186	83.608	ng	98
43) 2,4,6-Trichlorophenol	12.889	196	67801	50.926	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.965	196	74793	46.913	ng	97
46) 1,1'-Biphenyl	13.289	154	209284	44.762	ng	97
47) 2-Chloronaphthalene	13.330	162	166746	45.765	ng	98
48) 2-Nitroaniline	13.541	65	65602	47.407	ng	93
49) Acenaphthylene	14.176	152	282819	46.807	ng	99
50) Dimethylphthalate	13.911	163	233513	44.436	ng	98
51) 2,6-Dinitrotoluene	14.041	165	52613	47.656	ng	95
52) Acenaphthene	14.522	154	158942	45.014	ng	98
53) 3-Nitroaniline	14.376	138	21113	19.828	ng	91
54) 2,4-Dinitrophenol	14.593	184	54387	87.441	ng	95
55) Dibenzofuran	14.857	168	276625	45.416	ng	100
56) 4-Nitrophenol	14.693	139	74293	95.529	ng	100
57) 2,4-Dinitrotoluene	14.834	165	74725	48.527	ng	96
58) Fluorene	15.504	166	223139	46.033	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.086	232	69124	53.132	ng	94
60) Diethylphthalate	15.275	149	246547	45.504	ng	100
61) 4-Chlorophenyl-phenyle...	15.492	204	125682	46.779	ng	98
62) 4-Nitroaniline	15.539	138	50052	46.319	ng	96
63) Azobenzene	15.792	77	226637	45.555	ng	99
65) 4,6-Dinitro-2-methylph...	15.604	198	44837	47.567	ng	97
66) n-Nitrosodiphenylamine	15.715	169	199994	46.531	ng	96
67) 4-Bromophenyl-phenylether	16.391	248	85317	46.622	ng	99
68) Hexachlorobenzene	16.508	284	95572	48.526	ng	98
69) Atrazine	16.667	200	82759	54.408	ng	99
70) Pentachlorophenol	16.861	266	86090	83.360	ng	96
71) Phenanthrene	17.243	178	363179	45.365	ng	100
72) Anthracene	17.337	178	372684	46.415	ng	99
73) Carbazole	17.613	167	337476	45.898	ng	99
74) Di-n-butylphthalate	18.159	149	419569	45.234	ng	99
75) Fluoranthene	19.258	202	434029	43.718	ng	99
77) Benzidine	19.446	184	114950	46.452	ng	97
78) Pyrene	19.622	202	444180	46.169	ng	98
80) Butylbenzylphthalate	20.510	149	188785	48.384	ng	99
81) Benzo(a)anthracene	21.426	228	451954	47.023	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	93946	28.312	ng	98
83) Chrysene	21.491	228	415169	44.814	ng	98
84) Bis(2-ethylhexyl)phtha...	21.326	149	271206	47.391	ng	100
85) Di-n-octyl phthalate	22.478	149	474216	48.178	ng	99
87) Indeno(1,2,3-cd)pyrene	28.024	276	557408	46.624	ng	100
88) Benzo(b)fluoranthene	23.547	252	481307	49.090	ng	99
89) Benzo(k)fluoranthene	23.612	252	450209	44.524	ng	99
90) Benzo(a)pyrene	24.376	252	423298	43.846	ng	99
91) Dibenzo(a,h)anthracene	28.077	278	461874	47.015	ng	99
92) Benzo(g,h,i)perylene	29.117	276	453719	46.193	ng	97

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

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