Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082223\
Data File : BG058811.D
Acq On : 22 Aug 2023 17:06
Operator : MA/JU
Sample : 04090-07MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-LMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023

Quant Time: Aug 23 16:50:41 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	7.805	152	25582	20.000	ng		0.00
21) Naphthalene-d8	10.608	136	110912	20.000	ng		0.00
39) Acenaphthene-d10	14.456	164	81083	20.000	ng		0.00
64) Phenanthrene-d10	17.200	188	199860	20.000	ng		0.00
76) Chrysene-d12	21.448	240	176474	20.000	ng		0.00
86) Perylene-d12	24.515	264	223431	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.385	112	145414	91.474	ng		0.00
7) Phenol-d6	6.983	99	203687	91.326	ng		0.00
23) Nitrobenzene-d5	8.975	82	116281	50.405	ng		0.00
42) 2,4,6-Tribromophenol	15.949	330	107228	84.341	ng		0.00
45) 2-Fluorobiphenyl	13.076	172	246243	44.171	ng		0.00
79) Terphenyl-d14	19.821	244	500753	50.951	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.264	88	25756	34.462	ng		97
3) Pyridine	3.657	79	62823	31.809	ng		95
4) n-Nitrosodimethylamine	3.581	42	41552	38.699	ng		96
6) Aniline	7.136	93	85121	31.221	ng		97
8) 2-Chlorophenol	7.371	128	74215	46.173	ng		99
9) Benzaldehyde	6.947	77	31637m	25.288	ng		
10) Phenol	7.006	94	101646	47.263	ng		98
11) bis(2-Chloroethyl)ether	7.230	93	67263	40.082	ng		98
12) 1,3-Dichlorobenzene	7.694	146	73274	42.918	ng		100
13) 1,4-Dichlorobenzene	7.841	146	74100	42.920	ng		93
14) 1,2-Dichlorobenzene	8.158	146	72929	43.705	ng		100
15) Benzyl Alcohol	8.052	79	73339	45.991	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.340	45	150770	42.157	ng		100
17) 2-Methylphenol	8.258	107	67313	42.614	ng		98
18) Hexachloroethane	8.881	117	26943	42.832	ng		94
19) n-Nitroso-di-n-propyla...	8.616	70	56884	39.456	ng		97
20) 3+4-Methylphenols	8.587	107	91725	43.192	ng		97
22) Acetophenone	8.634	105	114693	38.201	ng	#	99
24) Nitrobenzene	9.016	77	86562	37.727	ng		96
25) Isophorone	9.533	82	168076	36.636	ng		99
26) 2-Nitrophenol	9.727	139	40805	42.522	ng		94
27) 2,4-Dimethylphenol	9.785	122	67856	41.723	ng		96
28) bis(2-Chloroethoxy)met...	10.020	93	94795	39.009	ng		99
29) 2,4-Dichlorophenol	10.261	162	72707	43.506	ng		98
30) 1,2,4-Trichlorobenzene	10.473	180	79507	39.398	ng		99
31) Naphthalene	10.655	128	219598	37.709	ng		99
32) Benzoic acid	9.962	122	39458	40.593	ng		94
33) 4-Chloroaniline	10.778	127	60345	24.570	ng		97
34) Hexachlorobutadiene	10.937	225	52395	38.469	ng		95
35) Caprolactam	11.560	113	24418m	40.775	ng		
36) 4-Chloro-3-methylphenol	11.906	107	87925	42.307	ng		97
37) 2-Methylnaphthalene	12.271	142	156174	37.339	ng		100
38) 1-Methylnaphthalene	12.494	142	149315	37.607	ng		97
40) 1,2,4,5-Tetrachloroben...	12.647	216	92340	36.941	ng		99
41) Hexachlorocyclopentadiene	12.617	237	80373	81.543	ng		99
43) 2,4,6-Trichlorophenol	12.888	196	66596	41.870	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	69183	36.323	ng		98
46) 1,1'-Biphenyl	13.287	154	210413	37.670	ng		98
47) 2-Chloronaphthalene	13.328	162	167888	38.569	ng		99
48) 2-Nitroaniline	13.546	65	64165	38.813	ng		98
49) Acenaphthylene	14.180	152	276299	38.276	ng		99
50) Dimethylphthalate	13.916	163	230585	36.729	ng		99
51) 2,6-Dinitrotoluene	14.039	165	52340	39.683	ng		93
52) Acenaphthene	14.521	154	156905	37.196	ng		99
53) 3-Nitroaniline	14.374	138	35633	28.011	ng	#	90
54) 2,4-Dinitrophenol	14.591	184	57995	78.787	ng		95
55) Dibenzofuran	14.856	168	274223	37.685	ng		99
56) 4-Nitrophenol	14.697	139	77186	83.657	ng		92
57) 2,4-Dinitrotoluene	14.832	165	73817	40.126	ng		97
58) Fluorene	15.508	166	220646	38.102	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.085	232	67136	43.195	ng		96
60) Diethylphthalate	15.273	149	241532	37.314	ng		99
61) 4-Chlorophenyl-phenyle...	15.496	204	121066	37.718	ng		99
62) 4-Nitroaniline	15.537	138	53423	41.382	ng		95
63) Azobenzene	15.790	77	224171	37.716	ng		98
65) 4,6-Dinitro-2-methylph...	15.602	198	44984	39.819	ng		100
66) n-Nitrosodiphenylamine	15.714	169	198877	38.608	ng		99
67) 4-Bromophenyl-phenylether	16.389	248	82716	37.715	ng		98
68) Hexachlorobenzene	16.513	284	95707	40.547	ng		98
69) Atrazine	16.666	200	84472	46.337	ng		97
70) Pentachlorophenol	16.859	266	83084	67.126	ng		97
71) Phenanthrene	17.247	178	371442	38.713	ng		99
72) Anthracene	17.335	178	375392	39.010	ng		100
73) Carbazole	17.611	167	354548	40.234	ng		99
74) Di-n-butylphthalate	18.158	149	438278	39.426	ng		100
75) Fluoranthene	19.262	202	459158	38.590	ng		99
77) Benzidine	19.450	184	176843	55.914	ng		96
78) Pyrene	19.627	202	466576	37.945	ng		98
80) Butylbenzylphthalate	20.508	149	197246	39.553	ng		97
81) Benzo(a)anthracene	21.425	228	477892	38.903	ng		99
82) 3,3'-Dichlorobenzidine	21.348	252	135152	31.868	ng		99
83) Chrysene	21.489	228	441624	37.298	ng		99
84) Bis(2-ethylhexyl)phtha...	21.331	149	283447	38.753	ng		99
85) Di-n-octyl phthalate	22.476	149	501638	39.875	ng		99
87) Indeno(1,2,3-cd)pyrene	28.017	276	598614	39.600	ng	#	93
88) Benzo(b)fluoranthene	23.540	252	505977	40.814	ng		98
89) Benzo(k)fluoranthene	23.610	252	480492	37.582	ng		99
90) Benzo(a)pyrene	24.374	252	449678	36.838	ng		99
91) Dibenzo(a,h)anthracene	28.070	278	494048	39.774	ng		99
92) Benzo(g,h,i)perylene	29.110	276	484696	39.028	ng		97

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

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