Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082223\
Data File : BG058810.D
Acq On : 22 Aug 2023 16:25
Operator : MA/JU
Sample : 04090-07MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-LMS

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

Quant Time: Aug 23 16:49:46 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	7.803	152	25247	20.000	ng		0.00
21) Naphthalene-d8	10.605	136	106633	20.000	ng		0.00
39) Acenaphthene-d10	14.454	164	77630	20.000	ng		0.00
64) Phenanthrene-d10	17.203	188	196570	20.000	ng		0.00
76) Chrysene-d12	21.446	240	171775	20.000	ng		0.00
86) Perylene-d12	24.518	264	219402	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.382	112	143332	91.361	ng		0.00
7) Phenol-d6	6.980	99	200109	90.912	ng		0.00
23) Nitrobenzene-d5	8.972	82	113426	51.140	ng		0.00
42) 2,4,6-Tribromophenol	15.952	330	106766	87.713	ng		0.00
45) 2-Fluorobiphenyl	13.073	172	245890	46.069	ng		0.00
79) Terphenyl-d14	19.824	244	495670	51.813	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	25799	34.977	ng		98
3) Pyridine	3.655	79	62942	32.292	ng		92
4) n-Nitrosodimethylamine	3.578	42	41923	39.563	ng		99
6) Aniline	7.133	93	82434	30.636	ng		98
8) 2-Chlorophenol	7.374	128	72213	45.523	ng		99
9) Benzaldehyde	6.945	77	31071m	25.165	ng		
10) Phenol	7.010	94	99006	46.646	ng		95
11) bis(2-Chloroethyl)ether	7.227	93	66778	40.321	ng		99
12) 1,3-Dichlorobenzene	7.691	146	70993	42.134	ng		96
13) 1,4-Dichlorobenzene	7.844	146	72647	42.637	ng		97
14) 1,2-Dichlorobenzene	8.161	146	70238	42.651	ng		97
15) Benzyl Alcohol	8.050	79	71203	45.244	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.332	45	146503m	41.508	ng		
17) 2-Methylphenol	8.255	107	66459	42.631	ng		99
18) Hexachloroethane	8.884	117	27214	43.837	ng		97
19) n-Nitroso-di-n-propyla...	8.614	70	56964	40.036	ng		97
20) 3+4-Methylphenols	8.584	107	90252	43.062	ng		97
22) Acetophenone	8.631	105	114242	39.578	ng	#	99
24) Nitrobenzene	9.013	77	85045	38.553	ng		97
25) Isophorone	9.530	82	165906	37.614	ng		99
26) 2-Nitrophenol	9.724	139	38418	41.641	ng		97
27) 2,4-Dimethylphenol	9.783	122	63870	40.848	ng		98
28) bis(2-Chloroethoxy)met...	10.018	93	92528	39.604	ng		100
29) 2,4-Dichlorophenol	10.265	162	72649	45.216	ng		99
30) 1,2,4-Trichlorobenzene	10.470	180	78057	40.231	ng		99
31) Naphthalene	10.658	128	220084	39.308	ng		98
32) Benzoic acid	9.959	122	39569m	42.094	ng		
33) 4-Chloroaniline	10.776	127	57958	24.545	ng		98
34) Hexachlorobutadiene	10.934	225	50824	38.813	ng		99
35) Caprolactam	11.557	113	24249m	42.118	ng		
36) 4-Chloro-3-methylphenol	11.910	107	87111	43.597	ng		99
37) 2-Methylnaphthalene	12.274	142	153369	38.139	ng		97
38) 1-Methylnaphthalene	12.491	142	147166	38.553	ng		98
40) 1,2,4,5-Tetrachloroben...	12.644	216	91844	38.377	ng		99
41) Hexachlorocyclopentadiene	12.621	237	77503	82.065	ng		98
43) 2,4,6-Trichlorophenol	12.891	196	64848	42.584	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.967	196	70990	38.929	ng		98
46) 1,1'-Biphenyl	13.285	154	206130	38.545	ng		98
47) 2-Chloronaphthalene	13.332	162	166689	39.997	ng		99
48) 2-Nitroaniline	13.543	65	63084	39.856	ng		98
49) Acenaphthylene	14.178	152	277585	40.165	ng		99
50) Dimethylphthalate	13.913	163	228142	37.956	ng		99
51) 2,6-Dinitrotoluene	14.037	165	51586	40.851	ng		96
52) Acenaphthene	14.518	154	156139	38.660	ng		94
53) 3-Nitroaniline	14.372	138	34815	28.586	ng	#	97
54) 2,4-Dinitrophenol	14.589	184	56175	79.629	ng		98
55) Dibenzofuran	14.853	168	271503	38.971	ng		99
56) 4-Nitrophenol	14.695	139	76888	86.860	ng		99
57) 2,4-Dinitrotoluene	14.830	165	76143	43.231	ng		96
58) Fluorene	15.505	166	220416	39.755	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.088	232	68730	46.187	ng		96
60) Diethylphthalate	15.276	149	240696	38.839	ng		99
61) 4-Chlorophenyl-phenyle...	15.494	204	118876	38.683	ng		95
62) 4-Nitroaniline	15.541	138	51662	41.798	ng		93
63) Azobenzene	15.788	77	220868	38.814	ng		99
65) 4,6-Dinitro-2-methylph...	15.600	198	45243	40.719	ng		98
66) n-Nitrosodiphenylamine	15.717	169	197768	39.036	ng		98
67) 4-Bromophenyl-phenylether	16.393	248	82547	38.268	ng		97
68) Hexachlorobenzene	16.510	284	94479	40.696	ng		99
69) Atrazine	16.663	200	84136	46.925	ng		96
70) Pentachlorophenol	16.857	266	82529	67.794	ng		97
71) Phenanthrene	17.245	178	367453	38.938	ng		99
72) Anthracene	17.339	178	374511	39.570	ng		99
73) Carbazole	17.609	167	353149	40.746	ng		98
74) Di-n-butylphthalate	18.161	149	438403	40.097	ng		99
75) Fluoranthene	19.260	202	455606	38.932	ng		100
77) Benzidine	19.448	184	176089	57.199	ng		99
78) Pyrene	19.624	202	470261	39.291	ng		99
80) Butylbenzylphthalate	20.511	149	198269	40.845	ng		99
81) Benzo(a)anthracene	21.428	228	471623	39.443	ng		99
82) 3,3'-Dichlorobenzidine	21.352	252	133649	32.375	ng		99
83) Chrysene	21.493	228	440859	38.252	ng		100
84) Bis(2-ethylhexyl)phtha...	21.328	149	285170	40.056	ng		99
85) Di-n-octyl phthalate	22.480	149	498529	40.712	ng		100
87) Indeno(1,2,3-cd)pyrene	28.020	276	600727	40.469	ng	#	98
88) Benzo(b)fluoranthene	23.543	252	508687	41.786	ng		99
89) Benzo(k)fluoranthene	23.608	252	476405	37.947	ng		98
90) Benzo(a)pyrene	24.377	252	446918	37.285	ng		99
91) Dibenzo(a,h)anthracene	28.073	278	491447	40.291	ng		99
92) Benzo(g,h,i)perylene	29.113	276	484088	39.695	ng		98

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

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