Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080323\
Data File : BG058588.D
Acq On : 3 Aug 2023 11:34
Operator : MA/JU
Sample : 03741-05MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P24BMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

Quant Time: Aug 03 12:20:19 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	102476	20.000	ng		0.00
21) Naphthalene-d8	10.614	136	435557	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	296793	20.000	ng		0.00
64) Phenanthrene-d10	17.206	188	661140	20.000	ng		0.00
76) Chrysene-d12	21.454	240	558142	20.000	ng		0.00
86) Perylene-d12	24.521	264	729218	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.385	112	348093	51.919	ng		0.00
7) Phenol-d6	6.989	99	494893	53.047	ng		0.00
23) Nitrobenzene-d5	8.981	82	300403	33.882	ng		0.00
42) 2,4,6-Tribromophenol	15.955	330	257741	52.982	ng		0.00
45) 2-Fluorobiphenyl	13.082	172	685174	34.596	ng		0.00
79) Terphenyl-d14	19.827	244	1190554	40.113	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.264	88	60632	18.663	ng		98
3) Pyridine	3.663	79	156347	17.651	ng		95
4) n-Nitrosodimethylamine	3.581	42	84247	22.448	ng		97
6) Aniline	7.136	93	222325	19.356	ng		99
8) 2-Chlorophenol	7.377	128	178369	27.119	ng		97
9) Benzaldehyde	6.948	77	109206	21.546	ng		97
10) Phenol	7.012	94	241763	26.529	ng		99
11) bis(2-Chloroethyl)ether	7.236	93	173047	24.086	ng		97
12) 1,3-Dichlorobenzene	7.700	146	177022	25.205	ng		99
13) 1,4-Dichlorobenzene	7.847	146	178867	25.364	ng		98
14) 1,2-Dichlorobenzene	8.164	146	174486	25.879	ng		98
15) Benzyl Alcohol	8.052	79	163387	27.616	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.340	45	295224m	25.297	ng		
17) 2-Methylphenol	8.264	107	161818	24.285	ng		99
18) Hexachloroethane	8.893	117	67079	26.170	ng		92
19) n-Nitroso-di-n-propyla...	8.622	70	139038	23.073	ng		97
20) 3+4-Methylphenols	8.593	107	222893	24.729	ng		97
22) Acetophenone	8.640	105	275761	23.645	ng	#	99
24) Nitrobenzene	9.022	77	208956	23.182	ng		99
25) Isophorone	9.539	82	403071	22.003	ng		100
26) 2-Nitrophenol	9.727	139	95456	24.328	ng		96
27) 2,4-Dimethylphenol	9.792	122	154228	23.697	ng		97
28) bis(2-Chloroethoxy)met...	10.027	93	229703	23.041	ng		99
29) 2,4-Dichlorophenol	10.267	162	172090	25.466	ng		97
30) 1,2,4-Trichlorobenzene	10.479	180	193185	24.789	ng		99
31) Naphthalene	10.667	128	538094	23.440	ng		98
32) Benzoic acid	9.956	122	134808	29.116	ng		98
33) 4-Chloroaniline	10.779	127	160313	16.529	ng		99
34) Hexachlorobutadiene	10.943	225	120997	24.109	ng		98
35) Caprolactam	11.566	113	57877m	23.194	ng		
36) 4-Chloro-3-methylphenol	11.913	107	205456	24.578	ng		98
37) 2-Methylnaphthalene	12.277	142	367353	22.371	ng		98
38) 1-Methylnaphthalene	12.500	142	354429	22.706	ng		100
40) 1,2,4,5-Tetrachloroben...	12.653	216	222186	24.384	ng		99
41) Hexachlorocyclopentadiene	12.624	237	150587	39.364	ng		99
43) 2,4,6-Trichlorophenol	12.894	196	155623	24.831	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	171868	23.282	ng	99
46) 1,1'-Biphenyl	13.293	154	486620	23.875	ng	100
47) 2-Chloronaphthalene	13.340	162	394273	24.809	ng	99
48) 2-Nitroaniline	13.546	65	146869	24.212	ng	98
49) Acenaphthylene	14.186	152	642751	24.157	ng	99
50) Dimethylphthalate	13.922	163	537599	24.118	ng	99
51) 2,6-Dinitrotoluene	14.045	165	115375	23.590	ng	98
52) Acenaphthene	14.527	154	360357	23.439	ng	98
53) 3-Nitroaniline	14.374	138	100395	20.517	ng	95
54) 2,4-Dinitrophenol	14.592	184	96056	39.065	ng	95
55) Dibenzofuran	14.862	168	609293	23.064	ng	99
56) 4-Nitrophenol	14.698	139	171946	48.776	ng	98
57) 2,4-Dinitrotoluene	14.839	165	159248	23.486	ng	97
58) Fluorene	15.514	166	477224	22.740	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.091	232	150910	23.957	ng	99
60) Diethylphthalate	15.279	149	505688	22.269	ng	100
61) 4-Chlorophenyl-phenyle...	15.502	204	266405	22.769	ng	98
62) 4-Nitroaniline	15.544	138	110827	23.909	ng	96
63) Azobenzene	15.796	77	509469	22.778	ng	99
65) 4,6-Dinitro-2-methylph...	15.602	198	78971	21.663	ng	97
66) n-Nitrosodiphenylamine	15.720	169	425969	24.755	ng	99
67) 4-Bromophenyl-phenylether	16.396	248	182964	24.399	ng	98
68) Hexachlorobenzene	16.513	284	203000	25.547	ng	99
69) Atrazine	16.672	200	167699	28.869	ng	98
70) Pentachlorophenol	16.866	266	212362	44.154	ng	99
71) Phenanthrene	17.253	178	743802	23.723	ng	100
72) Anthracene	17.342	178	768242	23.879	ng	99
73) Carbazole	17.612	167	711382	25.075	ng	99
74) Di-n-butylphthalate	18.164	149	886154	24.938	ng	99
75) Fluoranthene	19.263	202	905020	24.029	ng	100
77) Benzidine	19.451	184	515127	60.863	ng	99
78) Pyrene	19.627	202	929346	24.466	ng	99
80) Butylbenzylphthalate	20.514	149	395556	25.352	ng	97
81) Benzo(a)anthracene	21.431	228	951613	24.775	ng	99
82) 3,3'-Dichlorobenzidine	21.354	252	318165	24.499	ng	100
83) Chrysene	21.495	228	878029	23.841	ng	99
84) Bis(2-ethylhexyl)phtha...	21.337	149	572136	25.093	ng	98
85) Di-n-octyl phthalate	22.483	149	1021839	25.491	ng	100
87) Indeno(1,2,3-cd)pyrene	28.017	276	1208085	24.903	ng	98
88) Benzo(b)fluoranthene	23.546	252	1024984	25.915	ng	100
89) Benzo(k)fluoranthene	23.611	252	952492	23.972	ng	99
90) Benzo(a)pyrene	24.380	252	912502	23.493	ng	99
91) Dibenzo(a,h)anthracene	28.070	278	1003437	25.015	ng	98
92) Benzo(g,h,i)perylene	29.110	276	913126	22.701	ng	99

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

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