Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080323\
Data File : BG058599.D
Acq On : 3 Aug 2023 19:05
Operator : MA/JU
Sample : 03741-05MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P24BMS

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

Quant Time: Aug 04 02:05:56 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	7.814	152	49335	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	215490	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	145853	20.000	ng	0.00
64) Phenanthrene-d10	17.208	188	332414	20.000	ng	0.00
76) Chrysene-d12	21.451	240	283174	20.000	ng	0.00
86) Perylene-d12	24.512	264	362236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	296374	91.820	ng	0.00
7) Phenol-d6	6.985	99	413583	92.084	ng	0.00
23) Nitrobenzene-d5	8.977	82	242108	55.193	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	202216	84.587	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	553754	56.896	ng	0.00
79) Terphenyl-d14	19.823	244	964246	64.035	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.266	88	64373	41.157	ng	99
3) Pyridine	3.666	79	160337	37.600	ng	95
4) n-Nitrosodimethylamine	3.583	42	87675	48.526	ng	98
6) Aniline	7.138	93	196352	35.508	ng	100
8) 2-Chlorophenol	7.379	128	178633	56.413	ng	99
9) Benzaldehyde	6.950	77	106940	43.825	ng	97
10) Phenol	7.015	94	248543	56.650	ng	97
11) bis(2-Chloroethyl)ether	7.238	93	176692	51.084	ng	96
12) 1,3-Dichlorobenzene	7.702	146	178629	52.829	ng	98
13) 1,4-Dichlorobenzene	7.849	146	180696	53.223	ng	96
14) 1,2-Dichlorobenzene	8.166	146	177326	54.630	ng	100
15) Benzyl Alcohol	8.054	79	168756	59.247	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.342	45	299763m	53.352	ng	
17) 2-Methylphenol	8.260	107	166862	52.015	ng	98
18) Hexachloroethane	8.889	117	66806	54.137	ng	93
19) n-Nitroso-di-n-propyla...	8.619	70	143062	49.313	ng	99
20) 3+4-Methylphenols	8.589	107	228052	52.556	ng	98
22) Acetophenone	8.636	105	280282	48.576	ng	99
24) Nitrobenzene	9.018	77	215424	48.307	ng	96
25) Isophorone	9.541	82	412184	45.478	ng	99
26) 2-Nitrophenol	9.729	139	99892	51.459	ng	99
27) 2,4-Dimethylphenol	9.794	122	153028	47.525	ng	99
28) bis(2-Chloroethoxy)met...	10.023	93	237894	48.231	ng	98
29) 2,4-Dichlorophenol	10.270	162	177572	53.114	ng	99
30) 1,2,4-Trichlorobenzene	10.475	180	193160	50.099	ng	98
31) Naphthalene	10.663	128	550367	48.458	ng	99
32) Benzoic acid	9.964	122	131750	53.065	ng	98
33) 4-Chloroaniline	10.775	127	133472	27.815	ng	98
34) Hexachlorobutadiene	10.945	225	121811	49.058	ng	96
35) Caprolactam	11.568	113	60710m	49.175	ng	
36) 4-Chloro-3-methylphenol	11.915	107	212212	51.312	ng	99
37) 2-Methylnaphthalene	12.279	142	377033	46.408	ng	99
38) 1-Methylnaphthalene	12.496	142	363888	47.119	ng	99
40) 1,2,4,5-Tetrachloroben...	12.649	216	226522	50.587	ng	100
41) Hexachlorocyclopentadiene	12.626	237	150578	73.047	ng	99
43) 2,4,6-Trichlorophenol	12.896	196	162353	52.713	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.972	196	174896	48.212	ng	98
46) 1,1'-Biphenyl	13.290	154	495787	49.497	ng	99
47) 2-Chloronaphthalene	13.337	162	405755	51.954	ng	100
48) 2-Nitroaniline	13.548	65	150723	50.562	ng	95
49) Acenaphthylene	14.183	152	655697	50.147	ng	99
50) Dimethylphthalate	13.924	163	512094	46.750	ng	99
51) 2,6-Dinitrotoluene	14.042	165	118400	49.262	ng	97
52) Acenaphthene	14.523	154	372336	49.281	ng	99
53) 3-Nitroaniline	14.376	138	93747	38.985	ng	96
54) 2,4-Dinitrophenol	14.588	184	109860	80.982	ng	98
55) Dibenzofuran	14.864	168	627843	48.361	ng	100
56) 4-Nitrophenol	14.694	139	177166	98.621	ng	97
57) 2,4-Dinitrotoluene	14.835	165	166635	50.009	ng	97
58) Fluorene	15.510	166	494779	47.975	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.093	232	157616	50.917	ng	97
60) Diethylphthalate	15.281	149	520051	46.602	ng	99
61) 4-Chlorophenyl-phenyle...	15.499	204	274707	47.777	ng	99
62) 4-Nitroaniline	15.540	138	114705	50.355	ng	96
63) Azobenzene	15.792	77	524397	47.709	ng	99
65) 4,6-Dinitro-2-methylph...	15.599	198	85905	46.868	ng	95
66) n-Nitrosodiphenylamine	15.722	169	433649	50.122	ng	97
67) 4-Bromophenyl-phenylether	16.398	248	189180	50.177	ng	97
68) Hexachlorobenzene	16.515	284	210483	52.684	ng	99
69) Atrazine	16.668	200	174792	59.847	ng	97
70) Pentachlorophenol	16.862	266	213917	88.461	ng	98
71) Phenanthrene	17.250	178	778690	49.395	ng	99
72) Anthracene	17.338	178	783886	48.461	ng	99
73) Carbazole	17.614	167	735311	51.550	ng	100
74) Di-n-butylphthalate	18.166	149	910603	50.967	ng	99
75) Fluoranthene	19.265	202	939483	49.612	ng	99
77) Benzidine	19.453	184	359807	83.792	ng	99
78) Pyrene	19.629	202	960621	49.846	ng	99
80) Butylbenzylphthalate	20.510	149	409347	51.711	ng	98
81) Benzo(a)anthracene	21.433	228	987989	50.698	ng	100
82) 3,3'-Dichlorobenzidine	21.351	252	288459	43.779	ng	99
83) Chrysene	21.498	228	925199	49.516	ng	98
84) Bis(2-ethylhexyl)phtha...	21.333	149	592676	51.235	ng	99
85) Di-n-octyl phthalate	22.485	149	1061649	52.201	ng	100
87) Indeno(1,2,3-cd)pyrene	28.019	276	1212356	50.309	ng	100
88) Benzo(b)fluoranthene	23.548	252	1044079	53.142	ng	99
89) Benzo(k)fluoranthene	23.613	252	1012486	51.298	ng	99
90) Benzo(a)pyrene	24.377	252	945668	49.012	ng	99
91) Dibenzo(a,h)anthracene	28.072	278	1017114	51.045	ng	99
92) Benzo(g,h,i)perylene	29.118	276	957075	47.900	ng	99

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

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