Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080423\
Data File : BG058608.D
Acq On : 4 Aug 2023 12:46
Operator : MA/JU
Sample : 03877-07MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-3MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

Quant Time: Aug 04 13:46:19 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	7.814	152	51090	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	222054	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	153509	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	348844	20.000	ng	0.00
76) Chrysene-d12	21.451	240	298727	20.000	ng	0.00
86) Perylene-d12	24.518	264	387166	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	334440	100.054	ng	0.00
7) Phenol-d6	6.985	99	455373	97.905	ng	0.00
23) Nitrobenzene-d5	8.977	82	271726	60.114	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	216067	85.873	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	607533	59.309	ng	0.00
79) Terphenyl-d14	19.823	244	1026081	64.593	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.266	88	61491	37.964	ng	99
3) Pyridine	3.660	79	153300	34.715	ng	95
4) n-Nitrosodimethylamine	3.583	42	80608	43.082	ng	100
6) Aniline	7.138	93	179626	31.368	ng	99
8) 2-Chlorophenol	7.379	128	168876	51.500	ng	97
9) Benzaldehyde	6.950	77	97336	38.519	ng	97
10) Phenol	7.015	94	230833	50.806	ng	98
11) bis(2-Chloroethyl)ether	7.232	93	163563	45.664	ng	96
12) 1,3-Dichlorobenzene	7.702	146	167919	47.956	ng	98
13) 1,4-Dichlorobenzene	7.849	146	170886	48.605	ng	97
14) 1,2-Dichlorobenzene	8.166	146	167512	49.834	ng	100
15) Benzyl Alcohol	8.055	79	153826	52.151	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.343	45	277304m	47.660	ng	
17) 2-Methylphenol	8.260	107	154324	46.454	ng	99
18) Hexachloroethane	8.889	117	62670	49.041	ng	92
19) n-Nitroso-di-n-propyla...	8.619	70	132996	44.268	ng	99
20) 3+4-Methylphenols	8.589	107	214653	47.769	ng	98
22) Acetophenone	8.636	105	262554	44.158	ng	98
24) Nitrobenzene	9.018	77	200571	43.647	ng	97
25) Isophorone	9.535	82	382106	40.913	ng	99
26) 2-Nitrophenol	9.729	139	94010	46.997	ng	98
27) 2,4-Dimethylphenol	9.794	122	151541	45.672	ng	99
28) bis(2-Chloroethoxy)met...	10.023	93	223789	44.030	ng	100
29) 2,4-Dichlorophenol	10.270	162	167054	48.491	ng	99
30) 1,2,4-Trichlorobenzene	10.475	180	186095	46.840	ng	99
31) Naphthalene	10.663	128	518277	44.284	ng	99
32) Benzoic acid	9.958	122	124079	48.891	ng	97
33) 4-Chloroaniline	10.775	127	127058	25.695	ng	97
34) Hexachlorobutadiene	10.945	225	113233	44.256	ng	99
35) Caprolactam	11.568	113	54488m	42.830	ng	
36) 4-Chloro-3-methylphenol	11.915	107	198714	46.628	ng	99
37) 2-Methylnaphthalene	12.279	142	356880	42.629	ng	99
38) 1-Methylnaphthalene	12.502	142	342267	43.009	ng	99
40) 1,2,4,5-Tetrachloroben...	12.649	216	213413	45.283	ng	99
41) Hexachlorocyclopentadiene	12.626	237	134573	63.055	ng	98
43) 2,4,6-Trichlorophenol	12.896	196	153572	47.376	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.972	196	165374	43.313	ng		100
46) 1,1'-Biphenyl	13.296	154	474724	45.031	ng		100
47) 2-Chloronaphthalene	13.337	162	382467	46.530	ng		99
48) 2-Nitroaniline	13.548	65	146045	46.549	ng		98
49) Acenaphthylene	14.183	152	628963	45.703	ng		99
50) Dimethylphthalate	13.918	163	489348	42.445	ng		100
51) 2,6-Dinitrotoluene	14.042	165	112113	44.320	ng		95
52) Acenaphthene	14.524	154	349313	43.928	ng		98
53) 3-Nitroaniline	14.377	138	90280	35.671	ng		98
54) 2,4-Dinitrophenol	14.588	184	94341	67.452	ng		98
55) Dibenzofuran	14.864	168	595847	43.607	ng		99
56) 4-Nitrophenol	14.694	139	167902	89.133	ng		98
57) 2,4-Dinitrotoluene	14.835	165	157082	44.791	ng		95
58) Fluorene	15.511	166	473818	43.651	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.094	232	148542	45.592	ng		98
60) Diethylphthalate	15.282	149	494867	42.134	ng		100
61) 4-Chlorophenyl-phenyle...	15.505	204	261466	43.206	ng		97
62) 4-Nitroaniline	15.540	138	108043	45.065	ng		98
63) Azobenzene	15.793	77	537892	46.496	ng		99
65) 4,6-Dinitro-2-methylph...	15.599	198	78428	40.774	ng		97
66) n-Nitrosodiphenylamine	15.722	169	415416	45.753	ng		98
67) 4-Bromophenyl-phenylether	16.398	248	178278	45.058	ng		97
68) Hexachlorobenzene	16.515	284	199393	47.557	ng		99
69) Atrazine	16.668	200	165191	53.896	ng		99
70) Pentachlorophenol	16.862	266	196731	77.522	ng		99
71) Phenanthrene	17.250	178	740561	44.764	ng		100
72) Anthracene	17.344	178	758339	44.673	ng		99
73) Carbazole	17.614	167	698366	46.654	ng		100
74) Di-n-butylphthalate	18.166	149	861843	45.966	ng		99
75) Fluoranthene	19.265	202	893133	44.943	ng		100
77) Benzidine	19.447	184	405680	89.556	ng		99
78) Pyrene	19.629	202	911469	44.834	ng		100
80) Butylbenzylphthalate	20.517	149	386458	46.278	ng		99
81) Benzo(a)anthracene	21.433	228	942839	45.862	ng		99
82) 3,3'-Dichlorobenzidine	21.351	252	267233	38.446	ng		100
83) Chrysene	21.498	228	871871	44.233	ng		99
84) Bis(2-ethylhexyl)phtha...	21.333	149	558260	45.747	ng		99
85) Di-n-octyl phthalate	22.485	149	1003401	46.768	ng		100
87) Indeno(1,2,3-cd)pyrene	28.020	276	1154602	44.827	ng	#	90
88) Benzo(b)fluoranthene	23.548	252	1015009	48.336	ng		100
89) Benzo(k)fluoranthene	23.613	252	948028	44.940	ng		99
90) Benzo(a)pyrene	24.377	252	896718	43.483	ng		98
91) Dibenzo(a,h)anthracene	28.078	278	981495	46.085	ng		99
92) Benzo(g,h,i)perylene	29.112	276	885883	41.482	ng		99

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

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