Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
Data File : BG060018.D
Acq On : 14 Dec 2023 19:03
Operator : MA/JU
Sample : 05718-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

Quant Time: Dec 15 02:36:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 01:47:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.952	152	103341	20.000	ng		0.00
21) Naphthalene-d8	10.761	136	386806	20.000	ng	#	0.00
39) Acenaphthene-d10	14.592	164	275603	20.000	ng		0.00
64) Phenanthrene-d10	17.341	188	709915	20.000	ng		0.00
76) Chrysene-d12	21.613	240	820689	20.000	ng	#	0.00
86) Perylene-d12	24.797	264	979232	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.532	112	659999	109.329	ng		0.00
7) Phenol-d6	7.118	99	940066	110.704	ng		0.00
23) Nitrobenzene-d5	9.122	82	626743	73.575	ng		0.00
42) 2,4,6-Tribromophenol	16.084	330	553881	86.236	ng		0.00
45) 2-Fluorobiphenyl	13.217	172	1859851	82.592	ng		0.00
79) Terphenyl-d14	19.962	244	3618836	80.505	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.434	88	85669	29.990	ng		89
3) Pyridine	3.822	79	195419	24.427	ng		91
4) n-Nitrosodimethylamine	3.745	42	144072	36.613	ng	#	83
6) Aniline	7.277	93	324161	37.479	ng		97
8) 2-Chlorophenol	7.518	128	248709	43.476	ng		96
9) Benzaldehyde	7.095	77	126688m	24.536	ng		
10) Phenol	7.142	94	352812	41.359	ng		99
11) bis(2-Chloroethyl)ether	7.377	93	249858	40.914	ng		90
12) 1,3-Dichlorobenzene	7.847	146	293685	38.391	ng		94
13) 1,4-Dichlorobenzene	7.988	146	300214	37.714	ng		96
14) 1,2-Dichlorobenzene	8.311	146	302727	39.527	ng		97
15) Benzyl Alcohol	8.193	79	313932	45.998	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.487	45	493884	45.194	ng		98
17) 2-Methylphenol	8.393	107	248760	43.739	ng		96
18) Hexachloroethane	9.039	117	79905	33.136	ng		88
19) n-Nitroso-di-n-propyla...	8.763	70	234116	42.733	ng	#	92
20) 3+4-Methylphenols	8.722	107	334123	42.060	ng		98
22) Acetophenone	8.781	105	467947	41.514	ng		95
24) Nitrobenzene	9.163	77	329848	38.141	ng		92
25) Isophorone	9.680	82	601027	36.865	ng	#	96
26) 2-Nitrophenol	9.874	139	120073	37.752	ng		94
27) 2,4-Dimethylphenol	9.926	122	180266	41.348	ng		95
28) bis(2-Chloroethoxy)met...	10.167	93	318647	37.855	ng		99
29) 2,4-Dichlorophenol	10.402	162	317255	40.517	ng		93
30) 1,2,4-Trichlorobenzene	10.620	180	375555	35.434	ng		95
31) Naphthalene	10.814	128	814056	40.427	ng		99
33) 4-Chloroaniline	10.914	127	274703	35.853	ng		97
34) Hexachlorobutadiene	11.096	225	371007	38.245	ng		92
35) Caprolactam	11.683	113	66223	33.293	ng		89
36) 4-Chloro-3-methylphenol	12.036	107	265743	37.316	ng		96
37) 2-Methylnaphthalene	12.418	142	567439	35.929	ng		97
38) 1-Methylnaphthalene	12.641	142	553125	35.455	ng		98
40) 1,2,4,5-Tetrachloroben...	12.788	216	655087	45.593	ng		99
41) Hexachlorocyclopentadiene	12.770	237	486782	81.999	ng		92
43) 2,4,6-Trichlorophenol	13.023	196	328224	40.743	ng		97
44) 2,4,5-Trichlorophenol	13.093	196	363753	41.512	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.428	154	914459	44.741	ng		100
47)	2-Chloronaphthalene	13.469	162	737093	41.642	ng		96
48)	2-Nitroaniline	13.669	65	188018	49.206	ng		90
49)	Acenaphthylene	14.315	152	1122716	46.369	ng		99
50)	Dimethylphthalate	14.051	163	921536	43.077	ng		99
51)	2,6-Dinitrotoluene	14.169	165	194294	43.844	ng		98
52)	Acenaphthene	14.656	154	629548	37.772	ng		95
53)	3-Nitroaniline	14.498	138	140027	39.543	ng		99
55)	Dibenzofuran	14.991	168	1164205	42.915	ng		98
56)	4-Nitrophenol	14.791	139	99522	33.440	ng		96
57)	2,4-Dinitrotoluene	14.950	165	252724	40.569	ng		98
58)	Fluorene	15.643	166	961762	42.043	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.214	232	202080m	22.155	ng		
60)	Diethylphthalate	15.414	149	800510	40.669	ng		98
61)	4-Chlorophenyl-phenyle...	15.637	204	700989	42.549	ng		100
62)	4-Nitroaniline	15.661	138	142634	36.990	ng		98
63)	Azobenzene	15.931	77	810811	41.780	ng		96
66)	n-Nitrosodiphenylamine	15.849	169	854885	49.293	ng		98
67)	4-Bromophenyl-phenylether	16.531	248	469184	46.842	ng		95
68)	Hexachlorobenzene	16.642	284	530714	45.324	ng		97
70)	Pentachlorophenol	16.983	266	53309	7.028	ng		90
71)	Phenanthrene	17.382	178	1555566	45.238	ng		100
72)	Anthracene	17.476	178	1575932	45.582	ng		99
73)	Carbazole	17.741	167	1176823	40.056	ng		98
74)	Di-n-butylphthalate	18.311	149	1080531	40.316	ng		98
75)	Fluoranthene	19.398	202	1976533	39.390	ng		97
77)	Benzidine	19.580	184	995693	94.454	ng		99
78)	Pyrene	19.762	202	2017243	40.548	ng		99
80)	Butylbenzylphthalate	20.655	149	427268	47.820	ng		96
81)	Benzo(a)anthracene	21.595	228	2458976	44.605	ng		100
82)	3,3'-Dichlorobenzidine	21.513	252	808426	44.565	ng		98
83)	Chrysene	21.660	228	2230451	42.706	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.513	149	641153	47.343	ng		99
85)	Di-n-octyl phthalate	22.717	149	1131104	48.285	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.434	276	3076421	44.021	ng		100
88)	Benzo(b)fluoranthene	23.787	252	2504786	41.417	ng		99
89)	Benzo(k)fluoranthene	23.857	252	2433063	41.476	ng		99
90)	Benzo(a)pyrene	24.650	252	2220191	41.436	ng		98
91)	Dibenzo(a,h)anthracene	28.505	278	2619871	44.831	ng	#	97
92)	Benzo(g,h,i)perylene	29.580	276	2420786	41.645	ng		97

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

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