Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
Data File : BG060017.D
Acq On : 14 Dec 2023 18:22
Operator : MA/JU
Sample : 05718-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 15 02:35:37 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

Instrument :
BNA_G
ClientSampleId :
WC-LIQUID-20231206MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
12/15/2023
Supervised By :mohammad ahmed
12/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.953	152	89544	20.000	ng		0.00
21) Naphthalene-d8	10.762	136	277468	20.000	ng	#	0.00
39) Acenaphthene-d10	14.592	164	199046	20.000	ng		0.00
64) Phenanthrene-d10	17.342	188	586272	20.000	ng		0.00
76) Chrysene-d12	21.614	240	783664	20.000	ng		0.00
86) Perylene-d12	24.798	264	907526	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.527	112	581722	111.210	ng		0.00
7) Phenol-d6	7.113	99	797836	108.431	ng		0.00
23) Nitrobenzene-d5	9.116	82	605592	99.106	ng		0.00
42) 2,4,6-Tribromophenol	16.085	330	595807	128.443	ng		0.00
45) 2-Fluorobiphenyl	13.217	172	1469705	90.369	ng		0.00
79) Terphenyl-d14	19.963	244	3712297	86.486	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.435	88	86884	35.102	ng		91
3) Pyridine	3.828	79	183107	26.415	ng		94
4) n-Nitrosodimethylamine	3.746	42	135390	39.708	ng		89
6) Aniline	7.277	93	285013	38.030	ng		94
8) 2-Chlorophenol	7.518	128	217761	43.931	ng		94
9) Benzaldehyde	7.089	77	108062	24.154	ng		92
10) Phenol	7.142	94	285581	38.636	ng		98
11) bis(2-Chloroethyl)ether	7.377	93	220560	41.681	ng		89
12) 1,3-Dichlorobenzene	7.841	146	272951	41.178	ng		97
13) 1,4-Dichlorobenzene	7.988	146	273528	39.656	ng		96
14) 1,2-Dichlorobenzene	8.311	146	267334	40.284	ng		95
15) Benzyl Alcohol	8.188	79	263372	44.536	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.488	45	427146	45.110	ng		98
17) 2-Methylphenol	8.394	107	208062	42.220	ng		94
18) Hexachloroethane	9.040	117	86399	41.350	ng		95
19) n-Nitroso-di-n-propyla...	8.758	70	200309	42.195	ng	#	97
20) 3+4-Methylphenols	8.717	107	272087	39.528	ng		95
22) Acetophenone	8.776	105	406670	50.295	ng	#	91
24) Nitrobenzene	9.158	77	309841	49.945	ng		98
25) Isophorone	9.680	82	482353	41.244	ng	#	98
26) 2-Nitrophenol	9.868	139	99897	43.785	ng		90
27) 2,4-Dimethylphenol	9.921	122	142301	45.502	ng		94
28) bis(2-Chloroethoxy)met...	10.168	93	257286	42.609	ng		98
29) 2,4-Dichlorophenol	10.403	162	253334	45.103	ng		94
30) 1,2,4-Trichlorobenzene	10.621	180	326199	42.905	ng		97
31) Naphthalene	10.809	128	615018	42.578	ng		98
33) 4-Chloroaniline	10.914	127	201619	36.684	ng		96
34) Hexachlorobutadiene	11.096	225	284773	40.924	ng		91
35) Caprolactam	11.684	113	52117m	36.526	ng		
36) 4-Chloro-3-methylphenol	12.037	107	202566	39.654	ng		95
37) 2-Methylnaphthalene	12.418	142	460682	40.664	ng		94
38) 1-Methylnaphthalene	12.636	142	444863	39.753	ng		96
40) 1,2,4,5-Tetrachloroben...	12.783	216	524677	50.562	ng		100
41) Hexachlorocyclopentadiene	12.765	237	430200	100.340	ng		98
43) 2,4,6-Trichlorophenol	13.018	196	274121	47.114	ng		97
44) 2,4,5-Trichlorophenol	13.094	196	284760	44.996	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.429	154	710469	48.130	ng		98
47) 2-Chloronaphthalene	13.470	162	586504	45.878	ng		98
48) 2-Nitroaniline	13.670	65	144626	52.408	ng		91
49) Acenaphthylene	14.316	152	862420	49.318	ng		98
50) Dimethylphthalate	14.046	163	680909	44.071	ng		98
51) 2,6-Dinitrotoluene	14.163	165	142135	44.410	ng		91
52) Acenaphthene	14.657	154	492171	40.887	ng		96
53) 3-Nitroaniline	14.492	138	113130	44.235	ng	#	93
55) Dibenzofuran	14.992	168	900962	45.985	ng		97
56) 4-Nitrophenol	14.792	139	131335	61.103	ng		93
57) 2,4-Dinitrotoluene	14.951	165	200101	44.477	ng		97
58) Fluorene	15.638	166	743088	44.978	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.215	232	278698m	42.306	ng		
60) Diethylphthalate	15.415	149	625789	44.021	ng		98
61) 4-Chlorophenyl-phenyle...	15.638	204	534036	44.882	ng		97
62) 4-Nitroaniline	15.656	138	130431	46.836	ng		89
63) Azobenzene	15.926	77	613886	43.799	ng		97
66) n-Nitrosodiphenylamine	15.850	169	670831	46.838	ng		98
67) 4-Bromophenyl-phenylether	16.531	248	372881	45.078	ng		95
68) Hexachlorobenzene	16.643	284	441344	45.641	ng		96
70) Pentachlorophenol	16.984	266	116654	18.622	ng		90
71) Phenanthrene	17.383	178	1386104	48.811	ng		97
72) Anthracene	17.477	178	1424570	49.894	ng		98
73) Carbazole	17.742	167	1176642	48.496	ng		97
74) Di-n-butylphthalate	18.312	149	1104454	49.899	ng		99
75) Fluoranthene	19.398	202	2037715	49.174	ng		97
77) Benzidine	19.581	184	977984	97.158	ng		99
78) Pyrene	19.763	202	2092912	44.057	ng		99
80) Butylbenzylphthalate	20.656	149	424884	49.800	ng		96
81) Benzo(a)anthracene	21.590	228	2497441	47.443	ng		99
82) 3,3'-Dichlorobenzidine	21.508	252	795852	45.945	ng		100
83) Chrysene	21.661	228	2289146	45.900	ng		99
84) Bis(2-ethylhexyl)phtha...	21.514	149	642652	49.696	ng		99
85) Di-n-octyl phthalate	22.718	149	1149028	51.367	ng		100
87) Indeno(1,2,3-cd)pyrene	28.435	276	3111751	48.045	ng	#	99
88) Benzo(b)fluoranthene	23.787	252	2575921	45.959	ng		98
89) Benzo(k)fluoranthene	23.858	252	2420929	44.530	ng		98
90) Benzo(a)pyrene	24.651	252	2266798	45.649	ng		97
91) Dibenzo(a,h)anthracene	28.505	278	2622487	48.422	ng		100
92) Benzo(g,h,i)perylene	29.569	276	2458751	45.641	ng		97

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

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