Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011724\
Data File : BG060348.D
Acq On : 17 Jan 2024 18:29
Operator : MA/JU
Sample : P1155-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BB-TESTPITSMSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2024
Supervised By :mohammad ahmed 01/19/2024

Quant Time: Jan 18 02:36:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	224297	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	890017	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	652574	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	1730406	20.000	ng	0.00
76) Chrysene-d12	21.578	240	1662353	20.000	ng	0.00
86) Perylene-d12	24.739	264	1880655	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	1431372	104.964	ng	0.00
7) Phenol-d6	7.095	99	2143417	106.147	ng	0.00
23) Nitrobenzene-d5	9.087	82	1415556	75.103	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	1117200	116.360	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	3362158	71.631	ng	0.00
79) Terphenyl-d14	19.933	244	5140751	74.446	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.400	88	220952	35.470	ng	97
3) Pyridine	3.793	79	588395	33.478	ng	94
4) n-Nitrosodimethylamine	3.711	42	217027	39.456	ng	96
6) Aniline	7.254	93	434306	21.518	ng	99
8) 2-Chlorophenol	7.495	128	598604	44.293	ng	93
9) Benzaldehyde	7.066	77	94205m	8.128	ng	
10) Phenol	7.119	94	856786	42.319	ng	99
11) bis(2-Chloroethyl)ether	7.348	93	672376	40.756	ng	94
12) 1,3-Dichlorobenzene	7.818	146	649543	38.290	ng	100
13) 1,4-Dichlorobenzene	7.965	146	664350	38.599	ng	99
14) 1,2-Dichlorobenzene	8.282	146	653661	36.934	ng	99
15) Benzyl Alcohol	8.165	79	575889m	44.057	ng	
16) 2,2'-oxybis(1-Chloropr...	8.458	45	767719m	38.341	ng	
17) 2-Methylphenol	8.370	107	562441	40.446	ng	97
18) Hexachloroethane	9.011	117	227450	37.691	ng	97
19) n-Nitroso-di-n-propyla...	8.729	70	536822	38.411	ng	97
20) 3+4-Methylphenols	8.693	107	805517	42.962	ng	98
22) Acetophenone	8.746	105	1033257	42.234	ng	98
24) Nitrobenzene	9.134	77	777739	39.805	ng	98
25) Isophorone	9.645	82	1445181	38.180	ng	98
26) 2-Nitrophenol	9.839	139	323932	45.090	ng	96
27) 2,4-Dimethylphenol	9.898	122	510844	53.814	ng	99
28) bis(2-Chloroethoxy)met...	10.133	93	907804	39.252	ng	98
29) 2,4-Dichlorophenol	10.374	162	700894	45.563	ng	98
30) 1,2,4-Trichlorobenzene	10.591	180	751112	39.247	ng	94
31) Naphthalene	10.779	128	1827225	39.166	ng	99
32) Benzoic acid	10.027	122	307659m	39.101	ng	
33) 4-Chloroaniline	10.891	127	283154	15.752	ng	97
34) Hexachlorobutadiene	11.061	225	461122	36.987	ng	96
35) Caprolactam	11.660	113	227168	45.849	ng	92
36) 4-Chloro-3-methylphenol	12.013	107	691219	44.231	ng	98
37) 2-Methylnaphthalene	12.389	142	1346615	38.918	ng	97
38) 1-Methylnaphthalene	12.606	142	1320612	38.008	ng	100
40) 1,2,4,5-Tetrachloroben...	12.753	216	945164	40.781	ng	98
41) Hexachlorocyclopentadiene	12.736	237	823633	107.039	ng	98
43) 2,4,6-Trichlorophenol	12.994	196	628865	42.637	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.071	196	693152	42.608	ng		93
46) 1,1'-Biphenyl	13.400	154	2007893	40.762	ng		100
47) 2-Chloronaphthalene	13.441	162	1662399	39.394	ng		99
48) 2-Nitroaniline	13.646	65	493196	46.930	ng		97
49) Acenaphthylene	14.287	152	2591774	44.600	ng		98
50) Dimethylphthalate	14.017	163	1983399	39.773	ng		99
51) 2,6-Dinitrotoluene	14.140	165	457976	43.039	ng		95
52) Acenaphthene	14.628	154	1439891	39.793	ng		98
53) 3-Nitroaniline	14.469	138	262391	27.062	ng		99
54) 2,4-Dinitrophenol	14.675	184	349522	56.947	ng		96
55) Dibenzofuran	14.963	168	2559336	42.370	ng		99
56) 4-Nitrophenol	14.780	139	689121	95.819	ng		98
57) 2,4-Dinitrotoluene	14.927	165	642709	44.046	ng		96
58) Fluorene	15.615	166	2090558	41.792	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.186	232	634822	45.954	ng		100
60) Diethylphthalate	15.380	149	1957378	40.885	ng		98
61) 4-Chlorophenyl-phenyle...	15.603	204	1089006	39.520	ng		97
62) 4-Nitroaniline	15.638	138	475083	46.037	ng		97
63) Azobenzene	15.897	77	2007597	41.460	ng		99
65) 4,6-Dinitro-2-methylph...	15.691	198	304528	31.811	ng		95
66) n-Nitrosodiphenylamine	15.820	169	1868262	40.662	ng		98
67) 4-Bromophenyl-phenylether	16.502	248	720971	37.919	ng		96
68) Hexachlorobenzene	16.613	284	846084	37.592	ng		98
69) Atrazine	16.766	200	765198	44.167	ng		97
70) Pentachlorophenol	16.960	266	939845	77.471	ng		93
71) Phenanthrene	17.354	178	3455350	41.312	ng		100
72) Anthracene	17.448	178	3496760	41.874	ng		99
73) Carbazole	17.718	167	3303573	41.963	ng		99
74) Di-n-butylphthalate	18.270	149	3441595	42.488	ng		99
75) Fluoranthene	19.369	202	4114329	40.955	ng		98
77) Benzidine	19.551	184	1035542	28.673	ng		97
78) Pyrene	19.733	202	4287069	40.384	ng		98
80) Butylbenzylphthalate	20.621	149	1671802	45.774	ng		97
81) Benzo(a)anthracene	21.561	228	4298543	41.769	ng		100
82) 3,3'-Dichlorobenzidine	21.478	252	942414	23.912	ng		98
83) Chrysene	21.625	228	4111570	40.622	ng		99
84) Bis(2-ethylhexyl)phtha...	21.461	149	2431778	44.062	ng		98
85) Di-n-octyl phthalate	22.653	149	4062856	45.428	ng		99
87) Indeno(1,2,3-cd)pyrene	28.347	276	5458949	41.747	ng	#	92
88) Benzo(b)fluoranthene	23.740	252	4549172	40.946	ng		97
89) Benzo(k)fluoranthene	23.805	252	4517926	41.209	ng		99
90) Benzo(a)pyrene	24.592	252	4178940	41.638	ng		99
91) Dibenzo(a,h)anthracene	28.411	278	4391278	41.120	ng		98
92) Benzo(g,h,i)perylene	29.481	276	4083649	37.310	ng		99

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

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