Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011024\
Data File : BG060303.D
Acq On : 10 Jan 2024 17:51
Operator : MA/JU
Sample : P1015-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MR-301P-0-2MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

Quant Time: Jan 11 00:58:07 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	7.931	152	293499	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	1144723	20.000	ng	0.00
39) Acenaphthene-d10	14.570	164	832301	20.000	ng	0.00
64) Phenanthrene-d10	17.314	188	1991414	20.000	ng	0.00
76) Chrysene-d12	21.585	240	1862348	20.000	ng	0.00
86) Perylene-d12	24.752	264	2110876	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	2342936	131.300	ng	0.00
7) Phenol-d6	7.097	99	3177228	120.244	ng	0.00
23) Nitrobenzene-d5	9.094	82	2225646	91.808	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	1506303	123.008	ng	0.00
45) 2-Fluorobiphenyl	13.189	172	4720881	78.860	ng	0.00
79) Terphenyl-d14	19.934	244	6105302	81.361	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.418	88	278617	34.182	ng	# 93
3) Pyridine	3.812	79	717990	31.220	ng	93
4) n-Nitrosodimethylamine	3.724	42	300438	41.742	ng	98
6) Aniline	7.255	93	557276	21.100	ng	96
8) 2-Chlorophenol	7.496	128	818083	46.260	ng	96
9) Benzaldehyde	7.067	77	166539m	10.980	ng	
10) Phenol	7.126	94	1141269	43.079	ng	99
11) bis(2-Chloroethyl)ether	7.349	93	903250	41.841	ng	97
12) 1,3-Dichlorobenzene	7.819	146	874074	39.377	ng	99
13) 1,4-Dichlorobenzene	7.966	146	875285	38.864	ng	99
14) 1,2-Dichlorobenzene	8.283	146	857706	37.036	ng	98
15) Benzyl Alcohol	8.166	79	817846	47.816	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.460	45	1066001m	40.685	ng	
17) 2-Methylphenol	8.372	107	792405	43.547	ng	98
18) Hexachloroethane	9.012	117	297778	37.710	ng	98
19) n-Nitroso-di-n-propyla...	8.736	70	752699	41.159	ng	99
20) 3+4-Methylphenols	8.701	107	1051087	42.842	ng	95
22) Acetophenone	8.753	105	1452199	46.151	ng	99
24) Nitrobenzene	9.135	77	1076656	42.842	ng	97
25) Isophorone	9.652	82	2072959	42.580	ng	98
26) 2-Nitrophenol	9.846	139	441499	47.781	ng	96
27) 2,4-Dimethylphenol	9.905	122	700422	57.367	ng	98
28) bis(2-Chloroethoxy)met...	10.140	93	1286341	43.244	ng	99
29) 2,4-Dichlorophenol	10.381	162	945365	47.781	ng	98
30) 1,2,4-Trichlorobenzene	10.598	180	1004554	40.811	ng	95
31) Naphthalene	10.786	128	2544911	42.412	ng	99
32) Benzoic acid	9.987	122	53761m	14.127	ng	
33) 4-Chloroaniline	10.898	127	101129	4.374	ng	96
34) Hexachlorobutadiene	11.068	225	602342	37.565	ng	98
35) Caprolactam	11.662	113	259516m	40.724	ng	
36) 4-Chloro-3-methylphenol	12.020	107	932477	46.392	ng	96
37) 2-Methylnaphthalene	12.396	142	1856366	41.713	ng	99
38) 1-Methylnaphthalene	12.614	142	1806993	40.435	ng	100
40) 1,2,4,5-Tetrachloroben...	12.761	216	1278116	43.239	ng	99
41) Hexachlorocyclopentadiene	12.737	237	1094591	111.534	ng	98
43) 2,4,6-Trichlorophenol	13.001	196	851821	45.282	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.078	196	918401	44.263	ng		98
46) 1,1'-Biphenyl	13.401	154	2723629	43.353	ng		98
47) 2-Chloronaphthalene	13.448	162	2245700	41.725	ng		99
48) 2-Nitroaniline	13.648	65	660465	49.275	ng		98
49) Acenaphthylene	14.294	152	3447456	46.514	ng		98
50) Dimethylphthalate	14.024	163	2741091	43.097	ng		100
51) 2,6-Dinitrotoluene	14.141	165	624673	46.028	ng		93
52) Acenaphthene	14.635	154	2023032	43.836	ng		98
53) 3-Nitroaniline	14.476	138	187492	15.161	ng		98
54) 2,4-Dinitrophenol	14.676	184	87884	18.121	ng		97
55) Dibenzofuran	14.970	168	3347183	43.447	ng		98
56) 4-Nitrophenol	14.788	139	755062	82.317	ng		98
57) 2,4-Dinitrotoluene	14.934	165	847886	45.559	ng		95
58) Fluorene	15.616	166	2728434	42.766	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.193	232	790319	44.856	ng		98
60) Diethylphthalate	15.387	149	2565271	42.012	ng		100
61) 4-Chlorophenyl-phenyle...	15.610	204	1434286	40.810	ng		99
62) 4-Nitroaniline	15.645	138	568244	43.174	ng		98
63) Azobenzene	15.904	77	2622668	42.466	ng		98
65) 4,6-Dinitro-2-methylph...	15.692	198	140052	12.712	ng		94
66) n-Nitrosodiphenylamine	15.827	169	2420270	45.772	ng		98
67) 4-Bromophenyl-phenylether	16.503	248	920946	42.088	ng		96
68) Hexachlorobenzene	16.621	284	1093392	42.213	ng		99
69) Atrazine	16.773	200	949904	47.642	ng		98
70) Pentachlorophenol	16.961	266	618886	44.328	ng		93
71) Phenanthrene	17.361	178	4196279	43.595	ng		97
72) Anthracene	17.449	178	4240552	44.126	ng		96
73) Carbazole	17.719	167	3999322	44.143	ng		98
74) Di-n-butylphthalate	18.278	149	3949108	42.363	ng		98
75) Fluoranthene	19.376	202	4728858	40.903	ng		100
77) Benzidine	19.558	184	1030663	25.474	ng		98
78) Pyrene	19.735	202	4887155	41.093	ng		99
80) Butylbenzylphthalate	20.628	149	1988462	48.598	ng		96
81) Benzo(a)anthracene	21.562	228	4989332	43.275	ng		95
82) 3,3'-Dichlorobenzidine	21.480	252	749653	16.978	ng		97
83) Chrysene	21.627	228	4806679	42.390	ng		97
84) Bis(2-ethylhexyl)phtha...	21.468	149	2909120	47.051	ng		96
85) Di-n-octyl phthalate	22.661	149	4767480	47.582	ng		99
87) Indeno(1,2,3-cd)pyrene	28.360	276	6576555	44.808	ng	#	93
88) Benzo(b)fluoranthene	23.742	252	5363997	43.015	ng		100
89) Benzo(k)fluoranthene	23.812	252	5344403	43.431	ng		100
90) Benzo(a)pyrene	24.605	252	4943619	43.885	ng		98
91) Dibenzo(a,h)anthracene	28.424	278	5380557	44.889	ng		99
92) Benzo(g,h,i)perylene	29.488	276	5020871	40.870	ng		99

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

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