Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011024\
Data File : BG060298.D
Acq On : 10 Jan 2024 12:55
Operator : MA/JU
Sample : P1067-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)MSD

Manual Integrations APPROVED

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

Quant Time: Jan 10 13:38:04 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	7.929	152	241472	20.000	ng		0.00
21) Naphthalene-d8	10.737	136	954699	20.000	ng		0.00
39) Acenaphthene-d10	14.568	164	702384	20.000	ng		0.00
64) Phenanthrene-d10	17.318	188	1609289	20.000	ng		0.00
76) Chrysene-d12	21.583	240	1552945	20.000	ng		0.00
86) Perylene-d12	24.750	264	1720939	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.508	112	1627943	110.887	ng		0.00
7) Phenol-d6	7.100	99	2119832	97.512	ng		0.00
23) Nitrobenzene-d5	9.092	82	1275702	63.097	ng		0.00
42) 2,4,6-Tribromophenol	16.060	330	931263	90.116	ng		0.00
45) 2-Fluorobiphenyl	13.193	172	3156680	62.484	ng		0.00
79) Terphenyl-d14	19.938	244	4467469	66.997	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	291903	43.527	ng		95
3) Pyridine	3.798	79	758625	40.094	ng		91
4) n-Nitrosodimethylamine	3.716	42	298223	50.362	ng	#	99
6) Aniline	7.259	93	632386	29.103	ng		98
8) 2-Chlorophenol	7.494	128	723297	49.712	ng		95
9) Benzaldehyde	7.071	77	145021m	11.622	ng		
10) Phenol	7.124	94	1103968	50.649	ng		96
11) bis(2-Chloroethyl)ether	7.353	93	807038	45.439	ng		96
12) 1,3-Dichlorobenzene	7.817	146	784675	42.966	ng		99
13) 1,4-Dichlorobenzene	7.964	146	818280	44.161	ng		98
14) 1,2-Dichlorobenzene	8.287	146	792301	41.583	ng		99
15) Benzyl Alcohol	8.170	79	705791	50.155	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.458	45	956458m	44.369	ng		
17) 2-Methylphenol	8.375	107	719238	48.043	ng		99
18) Hexachloroethane	9.010	117	276625	42.579	ng		96
19) n-Nitroso-di-n-propyla...	8.734	70	666781	44.317	ng		99
20) 3+4-Methylphenols	8.704	107	967862	47.950	ng		97
22) Acetophenone	8.751	105	1306128	49.770	ng		99
24) Nitrobenzene	9.139	77	921864	43.984	ng		97
25) Isophorone	9.656	82	1802828	44.402	ng		98
26) 2-Nitrophenol	9.844	139	395530	51.327	ng		95
27) 2,4-Dimethylphenol	9.903	122	617709	60.663	ng		97
28) bis(2-Chloroethoxy)met...	10.138	93	1132164	45.637	ng		100
29) 2,4-Dichlorophenol	10.379	162	855293	51.833	ng		97
30) 1,2,4-Trichlorobenzene	10.596	180	898816	43.783	ng		95
31) Naphthalene	10.784	128	2194548	43.852	ng		99
32) Benzoic acid	10.038	122	396040m	44.883	ng		
33) 4-Chloroaniline	10.896	127	349973	18.150	ng		99
34) Hexachlorobutadiene	11.066	225	538795	40.290	ng		97
35) Caprolactam	11.671	113	277107m	52.139	ng		
36) 4-Chloro-3-methylphenol	12.018	107	831190	49.584	ng		96
37) 2-Methylnaphthalene	12.394	142	1615434	43.524	ng		99
38) 1-Methylnaphthalene	12.612	142	1615834	43.354	ng		95
40) 1,2,4,5-Tetrachloroben...	12.758	216	1120860	44.933	ng		99
41) Hexachlorocyclopentadiene	12.741	237	1184410	143.009	ng		98
43) 2,4,6-Trichlorophenol	12.999	196	750466	47.273	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	827011	47.231	ng		96
46) 1,1'-Biphenyl	13.405	154	2424411	45.728	ng		99
47) 2-Chloronaphthalene	13.446	162	1972424	43.426	ng		99
48) 2-Nitroaniline	13.651	65	581192	51.381	ng		96
49) Acenaphthylene	14.292	152	3061911	48.954	ng		98
50) Dimethylphthalate	14.022	163	2407545	44.854	ng		99
51) 2,6-Dinitrotoluene	14.145	165	533149	46.550	ng		95
52) Acenaphthene	14.633	154	1718454	44.123	ng		100
53) 3-Nitroaniline	14.474	138	262165	25.121	ng		98
54) 2,4-Dinitrophenol	14.680	184	575063	82.510	ng		95
55) Dibenzofuran	14.968	168	2918196	44.885	ng		99
56) 4-Nitrophenol	14.791	139	828441	107.022	ng		98
57) 2,4-Dinitrotoluene	14.932	165	726586	46.263	ng		97
58) Fluorene	15.620	166	2383242	44.265	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.197	232	741804	49.890	ng		97
60) Diethylphthalate	15.391	149	2275531	44.160	ng		99
61) 4-Chlorophenyl-phenyle...	15.608	204	1263362	42.596	ng		97
62) 4-Nitroaniline	15.643	138	495074	44.572	ng		97
63) Azobenzene	15.902	77	2283234	43.808	ng		98
65) 4,6-Dinitro-2-methylph...	15.696	198	419522	47.122	ng		96
66) n-Nitrosodiphenylamine	15.825	169	2046174	47.885	ng		98
67) 4-Bromophenyl-phenylether	16.507	248	806924	45.633	ng		99
68) Hexachlorobenzene	16.624	284	935584	44.698	ng		99
69) Atrazine	16.777	200	818456	50.796	ng		98
70) Pentachlorophenol	16.965	266	1089885	96.600	ng		93
71) Phenanthrene	17.359	178	3603487	46.326	ng		99
72) Anthracene	17.453	178	3702978	47.681	ng		99
73) Carbazole	17.723	167	3303005	45.114	ng		99
74) Di-n-butylphthalate	18.281	149	3537094	46.953	ng		100
75) Fluoranthene	19.374	202	4069257	43.555	ng		99
77) Benzidine	19.556	184	1782526	52.834	ng		99
78) Pyrene	19.738	202	4215572	42.508	ng		99
80) Butylbenzylphthalate	20.626	149	1717639	50.343	ng		99
81) Benzo(a)anthracene	21.566	228	4362732	45.379	ng		99
82) 3,3'-Dichlorobenzidine	21.483	252	948636	25.766	ng		99
83) Chrysene	21.630	228	4120985	43.584	ng		100
84) Bis(2-ethylhexyl)phtha...	21.472	149	2559715	49.648	ng		97
85) Di-n-octyl phthalate	22.664	149	4309184	51.577	ng		99
87) Indeno(1,2,3-cd)pyrene	28.370	276	5346358	44.680	ng	#	93
88) Benzo(b)fluoranthene	23.751	252	4557101	44.824	ng		98
89) Benzo(k)fluoranthene	23.816	252	4479337	44.649	ng		99
90) Benzo(a)pyrene	24.603	252	4181748	45.533	ng		98
91) Dibenzo(a,h)anthracene	28.434	278	4304931	44.053	ng		99
92) Benzo(g,h,i)perylene	29.498	276	4186405	41.799	ng		96

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

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