Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
Data File : BG060252.D
Acq On : 4 Jan 2024 19:41
Operator : MA/JU
Sample : 06031-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MR-321-10-12MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 05 01:45:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.934	152	189092	20.000	ng		0.00
21) Naphthalene-d8	10.742	136	812525	20.000	ng		0.00
39) Acenaphthene-d10	14.573	164	661636	20.000	ng		0.00
64) Phenanthrene-d10	17.323	188	1668336	20.000	ng		0.00
76) Chrysene-d12	21.588	240	1484814	20.000	ng		0.00
86) Perylene-d12	24.761	264	1671472	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.513	112	1220725	97.439	ng		0.00
7) Phenol-d6	7.105	99	1923060	103.383	ng		0.00
23) Nitrobenzene-d5	9.097	82	1093431	62.159	ng		0.00
42) 2,4,6-Tribromophenol	16.065	330	927657	104.741	ng		0.00
45) 2-Fluorobiphenyl	13.198	172	2829951	61.473	ng		0.00
79) Terphenyl-d14	19.943	244	4447638	57.587	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	193482	34.713	ng		97
3) Pyridine	3.803	79	525882	33.267	ng		95
4) n-Nitrosodimethylamine	3.721	42	222462	37.724	ng		98
6) Aniline	7.264	93	881410	47.293	ng		93
8) 2-Chlorophenol	7.505	128	578283	48.029	ng		96
9) Benzaldehyde	7.076	77	157349m	14.070	ng		
10) Phenol	7.129	94	945071	50.382	ng		96
11) bis(2-Chloroethyl)ether	7.358	93	629486	41.471	ng		95
12) 1,3-Dichlorobenzene	7.822	146	584574	39.330	ng		97
13) 1,4-Dichlorobenzene	7.975	146	608004	40.463	ng		99
14) 1,2-Dichlorobenzene	8.292	146	603709	41.097	ng		99
15) Benzyl Alcohol	8.175	79	594562m	51.495	ng		
16) 2,2'-oxybis(1-Chloropr...	8.463	45	792534m	40.683	ng		
17) 2-Methylphenol	8.380	107	599767	51.063	ng		97
18) Hexachloroethane	9.021	117	199846	42.229	ng		97
19) n-Nitroso-di-n-propyla...	8.739	70	555061	43.680	ng		97
20) 3+4-Methylphenols	8.709	107	828573	49.773	ng		98
22) Acetophenone	8.756	105	1050616	43.642	ng	#	99
24) Nitrobenzene	9.138	77	778859	43.275	ng		97
25) Isophorone	9.661	82	1560849	42.410	ng		98
26) 2-Nitrophenol	9.855	139	326390	51.969	ng		99
27) 2,4-Dimethylphenol	9.908	122	530007	59.576	ng		99
28) bis(2-Chloroethoxy)met...	10.143	93	944274	43.806	ng		98
29) 2,4-Dichlorophenol	10.390	162	709896	50.491	ng		95
30) 1,2,4-Trichlorobenzene	10.601	180	705635	41.234	ng		99
31) Naphthalene	10.789	128	1845875	43.031	ng		99
32) Benzoic acid	10.055	122	393372m	49.163	ng		
33) 4-Chloroaniline	10.901	127	682778	40.756	ng		99
34) Hexachlorobutadiene	11.077	225	397454	39.051	ng		96
35) Caprolactam	11.671	113	251461m	53.766	ng		
36) 4-Chloro-3-methylphenol	12.023	107	752089	51.977	ng		97
37) 2-Methylnaphthalene	12.399	142	1394555	45.009	ng		99
38) 1-Methylnaphthalene	12.616	142	1375945	43.923	ng		97
40) 1,2,4,5-Tetrachloroben...	12.763	216	912810	43.070	ng		98
41) Hexachlorocyclopentadiene	12.746	237	849260	123.974	ng		99
43) 2,4,6-Trichlorophenol	13.004	196	661472	47.495	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.081	196	733676	47.091	ng	99
46) 1,1'-Biphenyl	13.410	154	2144792	44.060	ng	98
47) 2-Chloronaphthalene	13.451	162	1752343	42.252	ng	100
48) 2-Nitroaniline	13.656	65	559148	51.589	ng	99
49) Acenaphthylene	14.297	152	2843106	47.578	ng	98
50) Dimethylphthalate	14.032	163	2278102	44.596	ng	99
51) 2,6-Dinitrotoluene	14.150	165	503239	47.363	ng	98
52) Acenaphthene	14.644	154	1607403	43.106	ng	98
53) 3-Nitroaniline	14.485	138	432651	43.214	ng	98
54) 2,4-Dinitrophenol	14.685	184	611441	96.882	ng	98
55) Dibenzofuran	14.973	168	2810698	44.999	ng	98
56) 4-Nitrophenol	14.790	139	854628	112.930	ng	96
57) 2,4-Dinitrotoluene	14.937	165	731922	50.660	ng	97
58) Fluorene	15.625	166	2304326	44.981	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.202	232	679969	50.073	ng	99
60) Diethylphthalate	15.396	149	2212088	45.409	ng	100
61) 4-Chlorophenyl-phenyle...	15.613	204	1167565	43.770	ng	98
62) 4-Nitroaniline	15.648	138	534026	50.609	ng	95
63) Azobenzene	15.907	77	2273054	45.006	ng	99
65) 4,6-Dinitro-2-methylph...	15.701	198	421274	50.465	ng	95
66) n-Nitrosodiphenylamine	15.830	169	2037102	45.313	ng	98
67) 4-Bromophenyl-phenylether	16.512	248	763467	43.163	ng	97
68) Hexachlorobenzene	16.629	284	865382	41.728	ng	98
69) Atrazine	16.782	200	807114	48.848	ng	99
70) Pentachlorophenol	16.970	266	1116894	98.036	ng	95
71) Phenanthrene	17.364	178	3651703	44.282	ng	99
72) Anthracene	17.458	178	3734563	45.592	ng	96
73) Carbazole	17.728	167	3466393	44.618	ng	97
74) Di-n-butylphthalate	18.286	149	3565418	47.357	ng	97
75) Fluoranthene	19.379	202	4098068	42.367	ng	96
77) Benzidine	19.561	184	2618245	63.713	ng	98
78) Pyrene	19.743	202	4284524	42.926	ng	95
80) Butylbenzylphthalate	20.631	149	1688477	57.372	ng	98
81) Benzo(a)anthracene	21.571	228	4201984	44.510	ng	97
82) 3,3'-Dichlorobenzidine	21.488	252	1454774	42.376	ng	100
83) Chrysene	21.635	228	4017974	43.808	ng	97
84) Bis(2-ethylhexyl)phtha...	21.477	149	2447901	54.847	ng	100
85) Di-n-octyl phthalate	22.675	149	4111163	56.274	ng	99
87) Indeno(1,2,3-cd)pyrene	28.386	276	5395286	45.784	ng	99
88) Benzo(b)fluoranthene	23.756	252	4496681	44.767	ng	98
89) Benzo(k)fluoranthene	23.827	252	4344330	42.971	ng	99
90) Benzo(a)pyrene	24.620	252	4090164	45.009	ng	99
91) Dibenzo(a,h)anthracene	28.451	278	4445337	45.911	ng	98
92) Benzo(g,h,i)perylene	29.526	276	4324603	44.095	ng	99

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

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