Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
Data File : BG060251.D
Acq On : 4 Jan 2024 19:01
Operator : MA/JU
Sample : 06031-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

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

Quant Time: Jan 05 01:45:09 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	7.938	152	196939	20.000	ng		0.00
21) Naphthalene-d8	10.740	136	845980	20.000	ng		0.00
39) Acenaphthene-d10	14.577	164	683962	20.000	ng		0.00
64) Phenanthrene-d10	17.321	188	1719042	20.000	ng		0.00
76) Chrysene-d12	21.592	240	1565025	20.000	ng		0.00
86) Perylene-d12	24.765	264	1750718	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.511	112	1210171	92.747	ng		0.00
7) Phenol-d6	7.103	99	1828386	94.377	ng		0.00
23) Nitrobenzene-d5	9.101	82	1024893	55.958	ng		0.00
42) 2,4,6-Tribromophenol	16.069	330	858438	93.762	ng		0.00
45) 2-Fluorobiphenyl	13.196	172	2670030	56.106	ng		0.00
79) Terphenyl-d14	19.941	244	4329691	53.186	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.408	88	198355	34.169	ng		97
3) Pyridine	3.801	79	504766	30.659	ng		94
4) n-Nitrosodimethylamine	3.719	42	217324	35.384	ng	#	92
6) Aniline	7.262	93	842827	43.421	ng		97
8) 2-Chlorophenol	7.503	128	552648	44.071	ng		97
9) Benzaldehyde	7.080	77	149669	12.850	ng		90
10) Phenol	7.127	94	898263	45.979	ng		96
11) bis(2-Chloroethyl)ether	7.356	93	615300	38.921	ng		93
12) 1,3-Dichlorobenzene	7.826	146	572589	36.989	ng		98
13) 1,4-Dichlorobenzene	7.973	146	594655	37.997	ng		99
14) 1,2-Dichlorobenzene	8.290	146	586904	38.361	ng		98
15) Benzyl Alcohol	8.173	79	568267	47.257	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.466	45	759905m	37.454	ng		
17) 2-Methylphenol	8.378	107	558891	45.687	ng		100
18) Hexachloroethane	9.019	117	199243	40.424	ng		94
19) n-Nitroso-di-n-propyla...	8.737	70	528707	39.948	ng		99
20) 3+4-Methylphenols	8.707	107	788555	45.482	ng		96
22) Acetophenone	8.760	105	1017663	40.601	ng	#	96
24) Nitrobenzene	9.142	77	737471	39.355	ng		97
25) Isophorone	9.659	82	1480626	38.639	ng		100
26) 2-Nitrophenol	9.853	139	307061	46.958	ng		89
27) 2,4-Dimethylphenol	9.912	122	506287	54.660	ng		97
28) bis(2-Chloroethoxy)met...	10.147	93	898281	40.024	ng		99
29) 2,4-Dichlorophenol	10.388	162	678842	46.373	ng		97
30) 1,2,4-Trichlorobenzene	10.599	180	667001	37.435	ng		99
31) Naphthalene	10.793	128	1762627	39.466	ng		99
32) Benzoic acid	10.047	122	357915	44.258	ng		93
33) 4-Chloroaniline	10.899	127	652746	37.423	ng		98
34) Hexachlorobutadiene	11.075	225	380502	35.907	ng		96
35) Caprolactam	11.668	113	237042m	48.679	ng		
36) 4-Chloro-3-methylphenol	12.021	107	706577	46.900	ng		99
37) 2-Methylnaphthalene	12.403	142	1315817	40.788	ng		99
38) 1-Methylnaphthalene	12.620	142	1296145	39.739	ng		99
40) 1,2,4,5-Tetrachloroben...	12.767	216	851057	38.846	ng		99
41) Hexachlorocyclopentadiene	12.750	237	803939	113.527	ng		99
43) 2,4,6-Trichlorophenol	13.002	196	615389	42.744	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.079	196	696611	43.253	ng	99
46) 1,1'-Biphenyl	13.408	154	2053460	40.807	ng	99
47) 2-Chloronaphthalene	13.455	162	1661085	38.744	ng	99
48) 2-Nitroaniline	13.654	65	529627	47.270	ng	97
49) Acenaphthylene	14.301	152	2691966	43.579	ng	97
50) Dimethylphthalate	14.030	163	2160406	40.911	ng	100
51) 2,6-Dinitrotoluene	14.148	165	474350	43.187	ng	96
52) Acenaphthene	14.641	154	1538970	39.924	ng	99
53) 3-Nitroaniline	14.483	138	415493	40.146	ng	99
54) 2,4-Dinitrophenol	14.688	184	558014	86.496	ng	97
55) Dibenzofuran	14.976	168	2665125	41.275	ng	99
56) 4-Nitrophenol	14.794	139	817517	104.500	ng	96
57) 2,4-Dinitrotoluene	14.935	165	672715	45.042	ng	97
58) Fluorene	15.623	166	2185364	41.266	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.200	232	633865	45.154	ng	98
60) Diethylphthalate	15.394	149	2088864	41.480	ng	99
61) 4-Chlorophenyl-phenyle...	15.617	204	1094613	39.695	ng	99
62) 4-Nitroaniline	15.646	138	497815	45.637	ng	97
63) Azobenzene	15.911	77	2126499	40.730	ng	97
65) 4,6-Dinitro-2-methylph...	15.699	198	378274	43.977	ng	98
66) n-Nitrosodiphenylamine	15.828	169	1931817	41.703	ng	97
67) 4-Bromophenyl-phenylether	16.510	248	718397	39.417	ng	96
68) Hexachlorobenzene	16.627	284	814814	38.131	ng	98
69) Atrazine	16.780	200	768859	45.160	ng	99
70) Pentachlorophenol	16.974	266	1016808	86.618	ng	98
71) Phenanthrene	17.368	178	3540572	41.668	ng	99
72) Anthracene	17.456	178	3617113	42.856	ng	97
73) Carbazole	17.726	167	3295736	41.170	ng	98
74) Di-n-butylphthalate	18.284	149	3424922	44.149	ng	98
75) Fluoranthene	19.377	202	3981412	39.946	ng	97
77) Benzidine	19.565	184	2557052	59.034	ng	98
78) Pyrene	19.741	202	4111982	39.086	ng	97
80) Butylbenzylphthalate	20.634	149	1585920	51.125	ng	98
81) Benzo(a)anthracene	21.575	228	4038315	40.584	ng	98
82) 3,3'-Dichlorobenzidine	21.492	252	1380029	38.138	ng	99
83) Chrysene	21.639	228	3851759	39.844	ng	97
84) Bis(2-ethylhexyl)phtha...	21.480	149	2318347	49.282	ng	99
85) Di-n-octyl phthalate	22.673	149	3936551	51.122	ng	99
87) Indeno(1,2,3-cd)pyrene	28.384	276	5176859	41.942	ng	100
88) Benzo(b)fluoranthene	23.754	252	4271492	40.600	ng	99
89) Benzo(k)fluoranthene	23.825	252	4250525	40.140	ng	99
90) Benzo(a)pyrene	24.618	252	3877703	40.739	ng	99
91) Dibenzo(a,h)anthracene	28.449	278	4276096	42.164	ng	98
92) Benzo(g,h,i)perylene	29.518	276	4115072	40.059	ng	98

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

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