Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012424\
Data File : BG060420.D
Acq On : 24 Jan 2024 18:18
Operator : MA/JU
Sample : P1233-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
69-TP-1MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/25/2024
Supervised By :Sohil Jodhani 01/26/2024

Quant Time: Jan 25 00:06:59 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	7.925	152	158981	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	674912	20.000	ng		0.00
39) Acenaphthene-d10	14.565	164	553761	20.000	ng		0.00
64) Phenanthrene-d10	17.314	188	1519442	20.000	ng		0.00
76) Chrysene-d12	21.574	240	1397288	20.000	ng		0.00
86) Perylene-d12	24.735	264	1583316	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.505	112	1005250	104.001	ng		0.00
7) Phenol-d6	7.097	99	1536401	107.345	ng		0.00
23) Nitrobenzene-d5	9.089	82	770808	53.929	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	854455	104.874	ng		0.00
45) 2-Fluorobiphenyl	13.184	172	2073655	52.063	ng		0.00
79) Terphenyl-d14	19.929	244	3859737	63.255	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.401	88	181042	41.004	ng	#	96
3) Pyridine	3.795	79	499771	40.119	ng	#	88
4) n-Nitrosodimethylamine	3.713	42	178167	45.699	ng		92
6) Aniline	7.256	93	416599	29.120	ng		98
8) 2-Chlorophenol	7.491	128	470888	49.157	ng		94
9) Benzaldehyde	7.062	77	314817m	38.320	ng		
10) Phenol	7.121	94	825789	57.545	ng		97
11) bis(2-Chloroethyl)ether	7.344	93	488033	41.735	ng		96
12) 1,3-Dichlorobenzene	7.814	146	511842	42.569	ng		99
13) 1,4-Dichlorobenzene	7.961	146	521697	42.764	ng		98
14) 1,2-Dichlorobenzene	8.278	146	523488	41.731	ng		98
15) Benzyl Alcohol	8.166	79	463744	50.054	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.443	45	615424m	43.362	ng		
17) 2-Methylphenol	8.372	107	467364	47.417	ng		95
18) Hexachloroethane	9.007	117	182000	42.550	ng		95
19) n-Nitroso-di-n-propyla...	8.725	70	418086	42.206	ng		99
20) 3+4-Methylphenols	8.695	107	642822	48.371	ng		98
22) Acetophenone	8.748	105	817368	44.058	ng	#	97
24) Nitrobenzene	9.130	77	592686	40.001	ng		95
25) Isophorone	9.647	82	1189789	41.451	ng		99
26) 2-Nitrophenol	9.841	139	280480	51.485	ng		93
27) 2,4-Dimethylphenol	9.900	122	412642	57.323	ng		99
28) bis(2-Chloroethoxy)met...	10.135	93	709092	40.432	ng		99
29) 2,4-Dichlorophenol	10.376	162	580819	49.791	ng		99
30) 1,2,4-Trichlorobenzene	10.593	180	607401	41.853	ng		96
31) Naphthalene	10.781	128	1531350	43.285	ng		99
32) Benzoic acid	10.035	122	283070	45.266	ng		92
33) 4-Chloroaniline	10.887	127	257951	18.923	ng		98
34) Hexachlorobutadiene	11.063	225	396032	41.891	ng		97
35) Caprolactam	11.668	113	229871m	61.182	ng		
36) 4-Chloro-3-methylphenol	12.015	107	651288	54.958	ng		98
37) 2-Methylnaphthalene	12.391	142	1176724	44.847	ng		99
38) 1-Methylnaphthalene	12.608	142	1125698	42.725	ng		99
40) 1,2,4,5-Tetrachloroben...	12.755	216	799273	40.640	ng		99
41) Hexachlorocyclopentadiene	12.732	237	652107	99.870	ng		99
43) 2,4,6-Trichlorophenol	12.996	196	600682	47.993	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.072	196	671041	48.609	ng		99
46) 1,1'-Biphenyl	13.396	154	1723528	41.233	ng		98
47) 2-Chloronaphthalene	13.443	162	1441291	40.249	ng		99
48) 2-Nitroaniline	13.648	65	443977	49.785	ng		92
49) Acenaphthylene	14.289	152	2400401	48.678	ng		99
50) Dimethylphthalate	14.018	163	1903957	44.992	ng		99
51) 2,6-Dinitrotoluene	14.142	165	432237	47.868	ng		97
52) Acenaphthene	14.629	154	1347473	43.884	ng		99
53) 3-Nitroaniline	14.471	138	214573	26.079	ng		95
54) 2,4-Dinitrophenol	14.676	184	470672	85.329	ng		98
55) Dibenzofuran	14.964	168	2379903	46.430	ng		98
56) 4-Nitrophenol	14.788	139	742550	121.672	ng		96
57) 2,4-Dinitrotoluene	14.929	165	647739	52.311	ng		95
58) Fluorene	15.616	166	1964494	46.280	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.193	232	656379	55.993	ng		100
60) Diethylphthalate	15.381	149	1917324	47.194	ng		98
61) 4-Chlorophenyl-phenyle...	15.605	204	1051632	44.973	ng		97
62) 4-Nitroaniline	15.640	138	455715	52.040	ng		96
63) Azobenzene	15.898	77	1828417	44.497	ng		98
65) 4,6-Dinitro-2-methylph...	15.693	198	393832	46.852	ng		94
66) n-Nitrosodiphenylamine	15.822	169	1787195	44.298	ng		98
67) 4-Bromophenyl-phenylether	16.498	248	710985	42.585	ng		94
68) Hexachlorobenzene	16.615	284	837293	42.367	ng		99
69) Atrazine	16.768	200	755956	49.692	ng		98
70) Pentachlorophenol	16.962	266	1073571	100.781	ng		96
71) Phenanthrene	17.356	178	3346208	45.562	ng		99
72) Anthracene	17.450	178	3391387	46.251	ng		98
73) Carbazole	17.720	167	3096935	44.800	ng		98
74) Di-n-butylphthalate	18.272	149	3306032	46.481	ng		99
75) Fluoranthene	19.371	202	3832004	43.441	ng		96
77) Benzidine	19.553	184	1386837	45.685	ng		99
78) Pyrene	19.735	202	3991913	44.737	ng		95
80) Butylbenzylphthalate	20.616	149	1561775	50.874	ng		97
81) Benzo(a)anthracene	21.557	228	3946495	45.623	ng		99
82) 3,3'-Dichlorobenzidine	21.474	252	851726	25.711	ng		97
83) Chrysene	21.621	228	3755280	44.140	ng		98
84) Bis(2-ethylhexyl)phtha...	21.457	149	2256803	48.649	ng		97
85) Di-n-octyl phthalate	22.649	149	3779411	50.275	ng		99
87) Indeno(1,2,3-cd)pyrene	28.343	276	5079106	46.136	ng	#	94
88) Benzo(b)fluoranthene	23.736	252	4103560	43.872	ng		98
89) Benzo(k)fluoranthene	23.801	252	4206808	45.577	ng		98
90) Benzo(a)pyrene	24.588	252	3894642	46.093	ng		99
91) Dibenzo(a,h)anthracene	28.419	278	4072134	45.293	ng		98
92) Benzo(g,h,i)perylene	29.483	276	3794344	41.177	ng		99

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

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