Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
Data File : BG060357.D
Acq On : 18 Jan 2024 18:11
Operator : MA/JU
Sample : P1159-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-011724MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

Quant Time: Jan 19 00:24:23 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	7.928	152	277079	20.000	ng		0.00
21) Naphthalene-d8	10.731	136	1107682	20.000	ng		0.00
39) Acenaphthene-d10	14.568	164	817011	20.000	ng		0.00
64) Phenanthrene-d10	17.312	188	1944066	20.000	ng		0.00
76) Chrysene-d12	21.577	240	1726740	20.000	ng		0.00
86) Perylene-d12	24.738	264	2041883	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.502	112	1941075	115.225	ng		0.00
7) Phenol-d6	7.094	99	2815899	112.885	ng		0.00
23) Nitrobenzene-d5	9.092	82	1501665	64.015	ng		0.00
42) 2,4,6-Tribromophenol	16.054	330	1155087	96.092	ng		0.00
45) 2-Fluorobiphenyl	13.187	172	3589080	61.076	ng		0.00
79) Terphenyl-d14	19.932	244	4948301	66.629	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.404	88	277638	36.080	ng		98
3) Pyridine	3.792	79	784137	36.117	ng		95
4) n-Nitrosodimethylamine	3.716	42	276740	40.728	ng		88
6) Aniline	7.253	93	824657	33.074	ng		97
8) 2-Chlorophenol	7.494	128	754733	45.207	ng		93
9) Benzaldehyde	7.065	77	806007m	56.292	ng		
10) Phenol	7.124	94	1313505	52.519	ng		99
11) bis(2-Chloroethyl)ether	7.347	93	908057	44.556	ng		97
12) 1,3-Dichlorobenzene	7.817	146	818526	39.060	ng		98
13) 1,4-Dichlorobenzene	7.964	146	826470	38.871	ng		99
14) 1,2-Dichlorobenzene	8.281	146	805635	36.849	ng		96
15) Benzyl Alcohol	8.164	79	721827m	44.703	ng		
16) 2,2'-oxybis(1-Chloropr...	8.446	45	954286m	38.579	ng		
17) 2-Methylphenol	8.369	107	704611	41.017	ng		99
18) Hexachloroethane	9.010	117	289890	38.887	ng		96
19) n-Nitroso-di-n-propyla...	8.728	70	671262	38.881	ng		97
20) 3+4-Methylphenols	8.698	107	1010436	43.626	ng		97
22) Acetophenone	8.745	105	1266901	41.608	ng	#	99
24) Nitrobenzene	9.133	77	967589	39.790	ng		99
25) Isophorone	9.650	82	1798509	38.178	ng		98
26) 2-Nitrophenol	9.844	139	413052	46.198	ng		96
27) 2,4-Dimethylphenol	9.903	122	609685	51.605	ng		98
28) bis(2-Chloroethoxy)met...	10.138	93	1145083	39.783	ng		98
29) 2,4-Dichlorophenol	10.379	162	863636	45.110	ng		97
30) 1,2,4-Trichlorobenzene	10.590	180	935412	39.273	ng		94
31) Naphthalene	10.778	128	2281269	39.289	ng		99
32) Benzoic acid	10.038	122	372450	38.312	ng		91
33) 4-Chloroaniline	10.890	127	360591	16.118	ng		96
34) Hexachlorobutadiene	11.060	225	576786	37.174	ng		93
35) Caprolactam	11.665	113	268296	43.510	ng	#	86
36) 4-Chloro-3-methylphenol	12.018	107	866988	44.576	ng		98
37) 2-Methylnaphthalene	12.388	142	1725653	40.072	ng		96
38) 1-Methylnaphthalene	12.605	142	1630788	37.712	ng		97
40) 1,2,4,5-Tetrachloroben...	12.758	216	1167715	40.243	ng		99
41) Hexachlorocyclopentadiene	12.735	237	1088497	112.989	ng		98
43) 2,4,6-Trichlorophenol	12.999	196	784445	42.481	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.070	196	860132	42.231	ng		99
46) 1,1'-Biphenyl	13.399	154	2445078	39.647	ng		98
47) 2-Chloronaphthalene	13.440	162	2069358	39.168	ng		99
48) 2-Nitroaniline	13.645	65	598824	45.512	ng		98
49) Acenaphthylene	14.286	152	3181104	43.724	ng		99
50) Dimethylphthalate	14.021	163	2446100	39.179	ng		99
51) 2,6-Dinitrotoluene	14.139	165	557907	41.878	ng		91
52) Acenaphthene	14.632	154	1824046	40.264	ng		99
53) 3-Nitroaniline	14.474	138	339675	27.981	ng		99
54) 2,4-Dinitrophenol	14.674	184	437092	56.891	ng		98
55) Dibenzofuran	14.961	168	3078197	40.703	ng		98
56) 4-Nitrophenol	14.785	139	780300	86.660	ng		98
57) 2,4-Dinitrotoluene	14.926	165	778981	42.640	ng		99
58) Fluorene	15.614	166	2504022	39.983	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.191	232	785447	45.414	ng		100
60) Diethylphthalate	15.384	149	2364615	39.450	ng		99
61) 4-Chlorophenyl-phenyle...	15.602	204	1379825	39.995	ng		97
62) 4-Nitroaniline	15.637	138	553215	42.819	ng		97
63) Azobenzene	15.902	77	2457719	40.540	ng		99
65) 4,6-Dinitro-2-methylph...	15.690	198	384915	35.790	ng		96
66) n-Nitrosodiphenylamine	15.819	169	2266979	43.917	ng		98
67) 4-Bromophenyl-phenylether	16.501	248	901634	42.209	ng		98
68) Hexachlorobenzene	16.618	284	1023454	40.476	ng		98
69) Atrazine	16.771	200	864146	44.396	ng		98
70) Pentachlorophenol	16.965	266	1107968	81.292	ng		93
71) Phenanthrene	17.353	178	3894547	41.446	ng		100
72) Anthracene	17.447	178	3938692	41.983	ng		99
73) Carbazole	17.717	167	3621021	40.941	ng		100
74) Di-n-butylphthalate	18.275	149	3759845	41.315	ng		99
75) Fluoranthene	19.368	202	4330127	38.366	ng		100
77) Benzidine	19.550	184	1854100	49.425	ng		100
78) Pyrene	19.732	202	4489229	40.712	ng		98
80) Butylbenzylphthalate	20.619	149	1803581	47.541	ng		99
81) Benzo(a)anthracene	21.560	228	4523591	42.317	ng		98
82) 3,3'-Dichlorobenzidine	21.477	252	973786	23.787	ng		97
83) Chrysene	21.624	228	4344515	41.323	ng		99
84) Bis(2-ethylhexyl)phtha...	21.466	149	2641460	46.077	ng		96
85) Di-n-octyl phthalate	22.652	149	4353841	46.866	ng		100
87) Indeno(1,2,3-cd)pyrene	28.340	276	5888983	41.479	ng	#	95
88) Benzo(b)fluoranthene	23.733	252	4790032	39.710	ng		98
89) Benzo(k)fluoranthene	23.804	252	4868456	40.900	ng		99
90) Benzo(a)pyrene	24.591	252	4628581	42.477	ng		99
91) Dibenzo(a,h)anthracene	28.416	278	4861280	41.927	ng		98
92) Benzo(g,h,i)perylene	29.480	276	4356218	36.658	ng		97

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

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