Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070822\
Data File : BG054248.D
Acq On : 8 Jul 2022 15:56
Operator : CG/JU
Sample : N3622-07MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220496A-SIM-C2A-COMPOSITEMSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/11/2022
Supervised By :mohammad ahmed 07/11/2022

Quant Time: Jul 08 16:34:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 13:46:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.060	152	15072	20.000	ng		# 0.00
21) Naphthalene-d8	10.874	136	63076	20.000	ng		# 0.00
39) Acenaphthene-d10	14.687	164	55426	20.000	ng		0.00
64) Phenanthrene-d10	17.437	188	156767	20.000	ng		# 0.00
76) Chrysene-d12	21.714	240	178710	20.000	ng		# 0.00
86) Perylene-d12	24.969	264	190751	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.633	112	105051	133.259	ng		0.00
7) Phenol-d6	7.231	99	143666	134.341	ng		0.00
23) Nitrobenzene-d5	9.223	82	86584	77.140	ng		0.00
42) 2,4,6-Tribromophenol	16.179	330	133008	149.360	ng		0.00
45) 2-Fluorobiphenyl	13.312	172	255807	67.112	ng		0.00
79) Terphenyl-d14	20.040	244	611895	68.961	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.506	88	13516	39.221	ng	#	93
3) Pyridine	3.906	79	35410	38.506	ng		97
4) n-Nitrosodimethylamine	3.823	42	20624	50.987	ng	#	87
6) Aniline	7.384	93	44822	35.351	ng		95
8) 2-Chlorophenol	7.631	128	46712	55.496	ng		93
9) Benzaldehyde	7.196	77	26290m	41.654	ng		
10) Phenol	7.255	94	59683	55.068	ng		98
11) bis(2-Chloroethyl)ether	7.478	93	38719	46.545	ng		94
12) 1,3-Dichlorobenzene	7.948	146	50333	47.722	ng		93
13) 1,4-Dichlorobenzene	8.101	146	50925	48.066	ng		97
14) 1,2-Dichlorobenzene	8.418	146	49723	48.889	ng		95
15) Benzyl Alcohol	8.300	79	44571	55.764	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.588	45	54825	44.087	ng		94
17) 2-Methylphenol	8.512	107	41179	54.695	ng		95
18) Hexachloroethane	9.147	117	17879	50.869	ng	#	74
19) n-Nitroso-di-n-propyla...	8.865	70	34796	48.431	ng	#	95
20) 3+4-Methylphenols	8.835	107	56651	53.654	ng		96
22) Acetophenone	8.882	105	70690	46.106	ng	#	96
24) Nitrobenzene	9.264	77	53012	47.962	ng	#	87
25) Isophorone	9.787	82	99228	47.336	ng	#	94
26) 2-Nitrophenol	9.981	139	28488	58.354	ng	#	80
27) 2,4-Dimethylphenol	10.040	122	47104	59.612	ng		95
28) bis(2-Chloroethoxy)met...	10.269	93	56277	49.834	ng		96
29) 2,4-Dichlorophenol	10.521	162	59700	56.350	ng		89
30) 1,2,4-Trichlorobenzene	10.733	180	62910	47.956	ng		96
31) Naphthalene	10.921	128	145220	45.606	ng		100
32) Benzoic acid	10.198	122	20789m	57.476	ng		
33) 4-Chloroaniline	11.027	127	30910	23.399	ng		97
34) Hexachlorobutadiene	11.209	225	49873	49.450	ng		96
35) Caprolactam	11.796	113	18480m	63.362	ng		
36) 4-Chloro-3-methylphenol	12.155	107	59845	58.108	ng	#	84
37) 2-Methylnaphthalene	12.525	142	113046	47.984	ng		98
38) 1-Methylnaphthalene	12.742	142	109356	47.672	ng		99
40) 1,2,4,5-Tetrachloroben...	12.889	216	97123	45.476	ng	#	96
41) Hexachlorocyclopentadiene	12.872	237	61319	61.660	ng		98
43) 2,4,6-Trichlorophenol	13.130	196	60304	50.267	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.206	196	70084	52.321	ng	#	87
46) 1,1'-Biphenyl	13.524	154	170210	44.087	ng		96
47) 2-Chloronaphthalene	13.571	162	138488	44.324	ng		97
48) 2-Nitroaniline	13.771	65	42578	51.228	ng		89
49) Acenaphthylene	14.411	152	219597	45.198	ng		99
50) Dimethylphthalate	14.141	163	196016	46.436	ng		99
51) 2,6-Dinitrotoluene	14.258	165	45613	53.483	ng	#	77
52) Acenaphthene	14.752	154	162515m	52.476	ng		
53) 3-Nitroaniline	14.593	138	25650	31.044	ng		91
54) 2,4-Dinitrophenol	14.805	184	51712	107.254	ng	#	80
55) Dibenzofuran	15.087	168	237361	47.570	ng		94
56) 4-Nitrophenol	14.910	139	62270	106.152	ng		89
57) 2,4-Dinitrotoluene	15.051	165	67553	56.085	ng	#	84
58) Fluorene	15.739	166	197482	48.203	ng		92
59) 2,3,4,6-Tetrachlorophenol	15.316	232	68489	52.283	ng	#	90
60) Diethylphthalate	15.498	149	198287	48.506	ng		97
61) 4-Chlorophenyl-phenyle...	15.721	204	125214	51.052	ng	#	88
62) 4-Nitroaniline	15.756	138	41164	47.772	ng		86
63) Azobenzene	16.015	77	154582	46.978	ng		89
65) 4,6-Dinitro-2-methylph...	15.821	198	43117	55.129	ng		76
66) n-Nitrosodiphenylamine	15.939	169	183150	44.828	ng		96
67) 4-Bromophenyl-phenylether	16.620	248	96015	49.039	ng	#	90
68) Hexachlorobenzene	16.749	284	107884	48.170	ng	#	90
69) Atrazine	16.885	200	92055	54.390	ng		94
70) Pentachlorophenol	17.090	266	100370	96.475	ng		95
71) Phenanthrene	17.478	178	363856	45.176	ng		97
72) Anthracene	17.572	178	371613	47.248	ng		99
73) Carbazole	17.836	167	317201	46.986	ng		98
74) Di-n-butylphthalate	18.389	149	361839	46.356	ng	#	97
75) Fluoranthene	19.487	202	481554	45.545	ng		96
77) Benzidine	19.658	184	216859	58.596	ng		97
78) Pyrene	19.846	202	492012	45.584	ng		98
80) Butylbenzylphthalate	20.727	149	161101	46.565	ng		86
81) Benzo(a)anthracene	21.691	228	523804	45.268	ng		99
82) 3,3'-Dichlorobenzidine	21.603	252	102715	29.711	ng	#	96
83) Chrysene	21.761	228	486743	44.130	ng		98
84) Bis(2-ethylhexyl)phtha...	21.585	149	232494	46.987	ng	#	95
85) Di-n-octyl phthalate	22.807	149	391880	46.079	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.700	276	648694	45.064	ng		99
88) Benzo(b)fluoranthene	23.935	252	545110	47.000	ng		98
89) Benzo(k)fluoranthene	24.000	252	537951	46.847	ng		99
90) Benzo(a)pyrene	24.816	252	495666	50.652	ng		99
91) Dibenzo(a,h)anthracene	28.753	278	557783	46.859	ng	#	97
92) Benzo(g,h,i)perylene	29.863	276	559194	47.602	ng	#	96

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

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