Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052767.D
Acq On : 21 Mar 2022 14:34
Operator : CG/JU
Sample : N1983-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
124042MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

Quant Time: Mar 21 15:27:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 15:56:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.143	152	46693	20.000	ng	#-0.02
21) Naphthalene-d8	10.957	136	187914	20.000	ng	-0.02
39) Acenaphthene-d10	14.764	164	131165	20.000	ng	-0.01
64) Phenanthrene-d10	17.507	188	299488	20.000	ng	-0.01
76) Chrysene-d12	21.801	240	280574	20.000	ng	-0.01
86) Perylene-d12	25.120	264	300010	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.705	112	364805	136.062	ng	0.00
7) Phenol-d6	7.297	99	519026	128.403	ng	0.00
23) Nitrobenzene-d5	9.306	82	353640	94.454	ng	-0.01
42) 2,4,6-Tribromophenol	16.250	330	230890	131.001	ng	-0.01
45) 2-Fluorobiphenyl	13.395	172	671549	75.510	ng	-0.01
79) Terphenyl-d14	20.109	244	1060561	67.240	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.591	88	57955	43.211	ng	# 88
3) Pyridine	3.990	79	151438	44.047	ng	# 87
4) n-Nitrosodimethylamine	3.896	42	78457	51.441	ng	95
6) Aniline	7.462	93	183275	38.669	ng	96
8) 2-Chlorophenol	7.709	128	154886	54.978	ng	93
9) Benzaldehyde	7.274	77	106813	51.403	ng	95
10) Phenol	7.321	94	214865	53.849	ng	93
11) bis(2-Chloroethyl)ether	7.556	93	152338	50.556	ng	94
12) 1,3-Dichlorobenzene	8.038	146	167818m	49.474	ng	
13) 1,4-Dichlorobenzene	8.178	146	170286	49.965	ng	98
14) 1,2-Dichlorobenzene	8.502	146	165575	51.369	ng	98
15) Benzyl Alcohol	8.378	79	178923	52.570	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.672	45	245583	46.800	ng	98
17) 2-Methylphenol	8.578	107	142249	53.477	ng	95
18) Hexachloroethane	9.242	117	63078	50.445	ng	93
19) n-Nitroso-di-n-propyla...	8.948	70	140923	49.225	ng	# 97
20) 3+4-Methylphenols	8.907	107	197130	52.955	ng	96
22) Acetophenone	8.966	105	239396	49.229	ng	# 96
24) Nitrobenzene	9.348	77	215127	57.426	ng	# 89
25) Isophorone	9.876	82	386515	53.315	ng	99
26) 2-Nitrophenol	10.064	139	82353	63.304	ng	96
27) 2,4-Dimethylphenol	10.117	122	154625	58.098	ng	95
28) bis(2-Chloroethoxy)met...	10.352	93	212110	49.482	ng	98
29) 2,4-Dichlorophenol	10.599	162	163606	54.630	ng	99
30) 1,2,4-Trichlorobenzene	10.822	180	178365	50.487	ng	99
31) Naphthalene	11.010	128	479940	49.390	ng	99
32) Benzoic acid	10.252	122	104170	52.151	ng	90
33) 4-Chloroaniline	11.104	127	79226	19.236	ng	95
34) Hexachlorobutadiene	11.298	225	127325	50.267	ng	98
35) Caprolactam	11.879	113	51107m	62.498	ng	
36) 4-Chloro-3-methylphenol	12.220	107	180907	52.020	ng	94
37) 2-Methylnaphthalene	12.608	142	341429	47.978	ng	97
38) 1-Methylnaphthalene	12.819	142	333258m	47.983	ng	
40) 1,2,4,5-Tetrachloroben...	12.972	216	214757	52.407	ng	98
41) Hexachlorocyclopentadiene	12.954	237	264219	108.776	ng	92
43) 2,4,6-Trichlorophenol	13.201	196	148237	56.487	ng	97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.272	196	157007	58.945	ng		97
46)	1,1'-Biphenyl	13.601	154	459099	50.050	ng		98
47)	2-Chloronaphthalene	13.648	162	364307	50.432	ng		97
48)	2-Nitroaniline	13.836	65	126735	64.150	ng		92
49)	Acenaphthylene	14.488	152	601669	52.249	ng		98
50)	Dimethylphthalate	14.217	163	470440	48.259	ng		98
51)	2,6-Dinitrotoluene	14.329	165	100798	61.243	ng		87
52)	Acenaphthene	14.834	154	435210	58.994	ng		98
53)	3-Nitroaniline	14.658	138	67657	35.129	ng		94
54)	2,4-Dinitrophenol	14.858	184	120833	134.685	ng	#	88
55)	Dibenzofuran	15.163	168	582534	48.354	ng		97
56)	4-Nitrophenol	14.958	139	176708	112.479	ng		83
57)	2,4-Dinitrotoluene	15.116	165	139414	61.049	ng		89
58)	Fluorene	15.809	166	479761	48.854	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.386	232	150450	52.844	ng		99
60)	Diethylphthalate	15.574	149	485680	47.199	ng		99
61)	4-Chlorophenyl-phenyle...	15.803	204	257134	47.478	ng		94
62)	4-Nitroaniline	15.821	138	102546	50.390	ng		87
63)	Azobenzene	16.091	77	503302	45.762	ng		97
65)	4,6-Dinitro-2-methylph...	15.880	198	81054	60.707	ng		99
66)	n-Nitrosodiphenylamine	16.009	169	415629	49.294	ng		98
67)	4-Bromophenyl-phenylether	16.696	248	175947	48.729	ng		94
68)	Hexachlorobenzene	16.820	284	195594	50.397	ng		94
69)	Atrazine	16.961	200	168740	54.275	ng		96
70)	Pentachlorophenol	17.155	266	251074	104.277	ng		94
71)	Phenanthrene	17.554	178	856556	53.462	ng		99
72)	Anthracene	17.642	178	785022	49.564	ng		99
73)	Carbazole	17.907	167	707729	45.117	ng		99
74)	Di-n-butylphthalate	18.465	149	811983	47.383	ng		98
75)	Fluoranthene	19.557	202	1010026	49.663	ng		98
77)	Benzidine	19.728	184	412940	57.063	ng		99
78)	Pyrene	19.921	202	990998	50.918	ng		99
80)	Butylbenzylphthalate	20.797	149	346867	50.242	ng		96
81)	Benzo(a)anthracene	21.778	228	934968	49.765	ng		98
82)	3,3'-Dichlorobenzidine	21.684	252	206642	31.146	ng		99
83)	Chrysene	21.848	228	862503	48.833	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.684	149	522627	55.664	ng		99
85)	Di-n-octyl phthalate	22.929	149	824330	52.740	ng		96
87)	Indeno(1,2,3-cd)pyrene	28.921	276	1049905	51.128	ng		99
88)	Benzo(b)fluoranthene	24.063	252	956051	51.324	ng		98
89)	Benzo(k)fluoranthene	24.133	252	896886	48.937	ng		97
90)	Benzo(a)pyrene	24.968	252	921765	58.458	ng		100
91)	Dibenzo(a,h)anthracene	28.991	278	897001	53.012	ng		97
92)	Benzo(g,h,i)perylene	30.102	276	907294	54.193	ng		97

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

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