Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050322\
Data File : BG053421.D
Acq On : 3 May 2022 17:31
Operator : CG/JU
Sample : N2641-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-21MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022

Quant Time: May 04 06:07:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 06:03:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.100	152	18537	20.000	ng		0.00
21) Naphthalene-d8	10.913	136	74772	20.000	ng		0.00
39) Acenaphthene-d10	14.726	164	61394	20.000	ng		0.00
64) Phenanthrene-d10	17.469	188	164973	20.000	ng		0.00
76) Chrysene-d12	21.758	240	166118	20.000	ng		0.00
86) Perylene-d12	25.047	264	175856	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.668	112	170751	157.900	ng		0.00
7) Phenol-d6	7.265	99	233457	139.995	ng		0.00
23) Nitrobenzene-d5	9.263	82	198107	107.578	ng		0.00
42) 2,4,6-Tribromophenol	16.212	330	172218	176.317	ng		0.00
45) 2-Fluorobiphenyl	13.345	172	460021	103.320	ng		0.00
79) Terphenyl-d14	20.072	244	1041864	105.925	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.553	88	25596	49.564	ng	#	1
3) Pyridine	3.958	79	57528	42.236	ng	#	84
4) n-Nitrosodimethylamine	3.858	42	38894	57.664	ng		84
6) Aniline	7.418	93	77004	39.844	ng		96
8) 2-Chlorophenol	7.671	128	72361	61.982	ng		98
9) Benzaldehyde	7.230	77	47252m	47.403	ng		
10) Phenol	7.289	94	85231	51.346	ng		90
11) bis(2-Chloroethyl)ether	7.512	93	72180	60.322	ng		92
12) 1,3-Dichlorobenzene	7.988	146	76773	56.592	ng		97
13) 1,4-Dichlorobenzene	8.135	146	77604	56.112	ng		97
14) 1,2-Dichlorobenzene	8.458	146	76425	57.304	ng		98
15) Benzyl Alcohol	8.335	79	87942m	59.329	ng		
16) 2,2'-oxybis(1-Chloropr...	8.628	45	116563	58.348	ng		98
17) 2-Methylphenol	8.546	107	66793	59.462	ng		93
18) Hexachloroethane	9.186	117	28758	55.450	ng		95
19) n-Nitroso-di-n-propyla...	8.904	70	71304	58.404	ng	#	96
20) 3+4-Methylphenols	8.875	107	91219	57.526	ng		88
22) Acetophenone	8.922	105	121669	58.653	ng	#	97
24) Nitrobenzene	9.304	77	106908	59.685	ng		90
25) Isophorone	9.827	82	199259	63.660	ng		99
26) 2-Nitrophenol	10.021	139	43716	58.366	ng	#	87
27) 2,4-Dimethylphenol	10.079	122	76528	71.341	ng		93
28) bis(2-Chloroethoxy)met...	10.303	93	103581	58.904	ng	#	98
29) 2,4-Dichlorophenol	10.561	162	85278	63.237	ng		97
30) 1,2,4-Trichlorobenzene	10.772	180	84486	55.354	ng		99
31) Naphthalene	10.966	128	234480	58.778	ng		100
32) Benzoic acid	10.226	122	29934m	43.265	ng		
33) 4-Chloroaniline	11.072	127	33734	19.747	ng	#	92
34) Hexachlorobutadiene	11.248	225	61592	54.325	ng		98
35) Caprolactam	11.842	113	24300m	51.121	ng		
36) 4-Chloro-3-methylphenol	12.188	107	102522	65.302	ng		93
37) 2-Methylnaphthalene	12.558	142	174677	59.176	ng		95
38) 1-Methylnaphthalene	12.781	142	167798	58.236	ng		95
40) 1,2,4,5-Tetrachloroben...	12.928	216	112233	53.824	ng		98
41) Hexachlorocyclopentadiene	12.911	237	103486	96.141	ng		94
43) 2,4,6-Trichlorophenol	13.163	196	82296	57.244	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.246	196	88606	57.837	ng		97
46) 1,1'-Biphenyl	13.557	154	250686	56.701	ng		98
47) 2-Chloronaphthalene	13.604	162	196123	55.601	ng		97
48) 2-Nitroaniline	13.804	65	85826	64.115	ng		92
49) Acenaphthylene	14.450	152	346694	62.788	ng		98
50) Dimethylphthalate	14.174	163	292055	59.475	ng		99
51) 2,6-Dinitrotoluene	14.297	165	65870	64.299	ng	#	85
52) Acenaphthene	14.791	154	242494m	64.760	ng		
53) 3-Nitroaniline	14.626	138	48350	44.635	ng	#	86
54) 2,4-Dinitrophenol	14.838	184	62444	95.799	ng	#	82
55) Dibenzofuran	15.125	168	341273	58.205	ng		97
56) 4-Nitrophenol	14.943	139	93727	113.450	ng	#	78
57) 2,4-Dinitrotoluene	15.084	165	97871	67.105	ng		91
58) Fluorene	15.772	166	293405	61.957	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.354	232	92604	62.244	ng		99
60) Diethylphthalate	15.531	149	317227	61.657	ng		99
61) 4-Chlorophenyl-phenyle...	15.760	204	157896	58.818	ng		95
62) 4-Nitroaniline	15.789	138	71037	62.147	ng	#	80
63) Azobenzene	16.054	77	309740	59.711	ng		98
65) 4,6-Dinitro-2-methylph...	15.854	198	55746	48.434	ng		94
66) n-Nitrosodiphenylamine	15.971	169	264092	55.668	ng		97
67) 4-Bromophenyl-phenylether	16.653	248	114674	54.248	ng		98
68) Hexachlorobenzene	16.782	284	130407	56.965	ng		92
69) Atrazine	16.917	200	118496	63.944	ng		99
70) Pentachlorophenol	17.129	266	130273	104.125	ng		92
71) Phenanthrene	17.516	178	531929	59.030	ng		99
72) Anthracene	17.604	178	530952	59.475	ng		99
73) Carbazole	17.869	167	483062	55.666	ng		99
74) Di-n-butylphthalate	18.421	149	568038	57.716	ng		100
75) Fluoranthene	19.519	202	673483	58.306	ng		99
77) Benzidine	19.696	184	60464	12.757	ng		98
78) Pyrene	19.884	202	681948	57.641	ng		98
80) Butylbenzylphthalate	20.753	149	255371	57.897	ng		98
81) Benzo(a)anthracene	21.734	228	672239	59.187	ng		98
82) 3,3'-Dichlorobenzidine	21.640	252	186837	44.729	ng		99
83) Chrysene	21.805	228	610784	57.944	ng		99
84) Bis(2-ethylhexyl)phtha...	21.622	149	361637	60.656	ng		99
85) Di-n-octyl phthalate	22.850	149	620315	62.210	ng		97
87) Indeno(1,2,3-cd)pyrene	28.830	276	765886	58.621	ng	#	97
88) Benzo(b)fluoranthene	24.002	252	720851m	64.968	ng		
89) Benzo(k)fluoranthene	24.072	252	650196	59.625	ng		98
90) Benzo(a)pyrene	24.889	252	671130	71.001	ng		97
91) Dibenzo(a,h)anthracene	28.883	278	657456	61.140	ng		97
92) Benzo(g,h,i)perylene	30.005	276	657570	62.042	ng		97

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

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