Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
Data File : BG052442.D
Acq On : 21 Feb 2022 18:06
Operator : CG/JU
Sample : N1534-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NAPL-SOCKMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

Quant Time: Feb 22 00:52:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.223	152	36185	20.000	ng		0.00
21) Naphthalene-d8	11.061	136	148131	20.000	ng	#	0.00
39) Acenaphthene-d10	14.867	164	100301	20.000	ng		0.00
64) Phenanthrene-d10	17.617	188	220540	20.000	ng		0.00
76) Chrysene-d12	21.934	240	201349	20.000	ng		0.00
86) Perylene-d12	25.400	264	208330	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.762	112	318510	153.411	ng		0.01
7) Phenol-d6	7.377	99	407382	127.170	ng		0.00
23) Nitrobenzene-d5	9.398	82	320324	93.982	ng		0.00
42) 2,4,6-Tribromophenol	16.359	330	214795	149.061	ng		0.00
45) 2-Fluorobiphenyl	13.493	172	714199	98.942	ng		0.00
79) Terphenyl-d14	20.213	244	1146794	100.576	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.594	88	37887	39.630	ng	#	44
3) Pyridine	4.011	79	87109	31.417	ng		91
4) n-Nitrosodimethylamine	3.906	42	64200	44.843	ng		83
6) Aniline	7.536	93	55713	14.970	ng		96
8) 2-Chlorophenol	7.789	128	125756	55.060	ng		91
9) Benzaldehyde	7.348	77	58199	29.440	ng		91
10) Phenol	7.407	94	145606	45.746	ng		93
11) bis(2-Chloroethyl)ether	7.624	93	117928	48.472	ng		92
12) 1,3-Dichlorobenzene	8.112	146	136007	52.264	ng		97
13) 1,4-Dichlorobenzene	8.259	146	136139	51.318	ng		98
14) 1,2-Dichlorobenzene	8.588	146	135028	51.610	ng		94
15) Benzyl Alcohol	8.464	79	125879	47.346	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.746	45	164013	46.685	ng		97
17) 2-Methylphenol	8.670	107	108552	51.684	ng		94
18) Hexachloroethane	9.328	117	48771	52.872	ng		90
19) n-Nitroso-di-n-propyla...	9.034	70	109951	45.527	ng		91
20) 3+4-Methylphenols	8.999	107	149994	49.917	ng		93
22) Acetophenone	9.052	105	193757	49.491	ng	#	95
24) Nitrobenzene	9.439	77	161370	49.912	ng		94
25) Isophorone	9.968	82	287748	49.618	ng		99
26) 2-Nitrophenol	10.162	139	72547	52.940	ng	#	85
27) 2,4-Dimethylphenol	10.215	122	121139	59.706	ng		94
28) bis(2-Chloroethoxy)met...	10.444	93	158099	48.037	ng		99
29) 2,4-Dichlorophenol	10.708	162	126514	52.022	ng		98
30) 1,2,4-Trichlorobenzene	10.920	180	144400	50.848	ng		97
31) Naphthalene	11.114	128	420106	54.098	ng		96
32) Benzoic acid	10.379	122	60980	46.672	ng		93
33) 4-Chloroaniline	11.219	127	11279	3.479	ng		95
34) Hexachlorobutadiene	11.396	225	92586	48.276	ng		97
35) Caprolactam	11.995	113	36865m	41.596	ng		
36) 4-Chloro-3-methylphenol	12.335	107	141379	51.099	ng		99
37) 2-Methylnaphthalene	12.711	142	297631	51.601	ng		98
38) 1-Methylnaphthalene	12.929	142	277299	49.614	ng	#	98
40) 1,2,4,5-Tetrachloroben...	13.076	216	175687	53.254	ng		98
41) Hexachlorocyclopentadiene	13.058	237	150268	93.604	ng		97
43) 2,4,6-Trichlorophenol	13.311	196	115832	53.685	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.387	196	125204	53.547	ng		93
46) 1,1'-Biphenyl	13.704	154	415885	56.545	ng		99
47) 2-Chloronaphthalene	13.751	162	295200	52.096	ng		97
48) 2-Nitroaniline	13.945	65	100944	50.038	ng		95
49) Acenaphthylene	14.597	152	491476	53.282	ng		100
50) Dimethylphthalate	14.309	163	379610	49.405	ng		100
51) 2,6-Dinitrotoluene	14.433	165	87517	52.783	ng	#	86
52) Acenaphthene	14.938	154	289427	47.911	ng		99
53) 3-Nitroaniline	14.762	138	26455	15.350	ng		96
54) 2,4-Dinitrophenol	14.979	184	87464	84.864	ng		97
55) Dibenzofuran	15.267	168	466499	49.104	ng		99
56) 4-Nitrophenol	15.079	139	123657	95.542	ng		86
57) 2,4-Dinitrotoluene	15.226	165	124366	52.699	ng	#	80
58) Fluorene	15.919	166	415462	54.781	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.496	232	113099	50.633	ng		97
60) Diethylphthalate	15.666	149	376639	48.525	ng		97
61) 4-Chlorophenyl-phenyle...	15.895	204	210876	48.812	ng		96
62) 4-Nitroaniline	15.931	138	80728	44.494	ng	#	87
63) Azobenzene	16.195	77	531372	66.874	ng		91
65) 4,6-Dinitro-2-methylph...	15.989	198	63956	48.207	ng		90
66) n-Nitrosodiphenylamine	16.113	169	339129	55.810	ng		96
67) 4-Bromophenyl-phenylether	16.794	248	140895	52.534	ng		95
68) Hexachlorobenzene	16.929	284	154416	53.084	ng		93
69) Atrazine	17.058	200	134423	54.718	ng		96
70) Pentachlorophenol	17.276	266	169624	119.193	ng		99
71) Phenanthrene	17.664	178	587659	51.690	ng		97
72) Anthracene	17.752	178	602161	54.050	ng		99
73) Carbazole	18.022	167	536364	49.362	ng		98
74) Di-n-butylphthalate	18.556	149	614311	51.890	ng		98
75) Fluoranthene	19.667	202	707103	48.845	ng		99
77) Benzidine	19.831	184	89112	20.712	ng		98
78) Pyrene	20.025	202	707683	52.526	ng		99
80) Butylbenzylphthalate	20.894	149	259514	55.452	ng		93
81) Benzo(a)anthracene	21.917	228	696550	52.278	ng		99
82) 3,3'-Dichlorobenzidine	21.817	252	100680	21.645	ng		97
83) Chrysene	21.987	228	641160	50.781	ng		99
84) Bis(2-ethylhexyl)phtha...	21.787	149	369357	56.917	ng		99
85) Di-n-octyl phthalate	23.080	149	618646	56.861	ng		95
87) Indeno(1,2,3-cd)pyrene	29.412	276	789922	51.815	ng	#	98
88) Benzo(b)fluoranthene	24.296	252	716650	55.203	ng		100
89) Benzo(k)fluoranthene	24.366	252	680876	53.091	ng		98
90) Benzo(a)pyrene	25.241	252	685931	62.548	ng		99
91) Dibenzo(a,h)anthracene	29.477	278	675891	53.669	ng		97
92) Benzo(g,h,i)perylene	30.658	276	674865	54.603	ng		99

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

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