Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060122\
Data File : BM035355.D
Acq On : 01 Jun 2022 20:07
Operator : CG/JU
Sample : N2953-14MSD 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
N2953-12MSD

Quant Time: Jun 02 08:53:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 31 15:35:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	218946	20.000	ng		-0.01
21) Naphthalene-d8	10.663	136	825659	20.000	ng		-0.01
39) Acenaphthene-d10	14.504	164	467825	20.000	ng		-0.01
64) Phenanthrene-d10	17.251	188	900576	20.000	ng		0.00
76) Chrysene-d12	21.438	240	920513	20.000	ng	#	0.00
86) Perylene-d12	23.803	264	982633	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	433841	36.586	ng		0.00
7) Phenol-d6	7.051	99	559980	36.470	ng		0.00
23) Nitrobenzene-d5	9.028	82	412998	27.535	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	189627	31.245	ng		0.00
45) 2-Fluorobiphenyl	13.127	172	992678	29.425	ng		-0.01
79) Terphenyl-d14	19.874	244	1345656	25.904	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	75034	16.157	ng		90
3) Pyridine	3.751	79	190430	15.761	ng		91
4) n-Nitrosodimethylamine	3.657	42	97525	16.573	ng	#	69
6) Aniline	7.192	93	222830	13.659	ng		96
8) 2-Chlorophenol	7.434	128	282386	21.162	ng		93
9) Benzaldehyde	7.004	77	153624	19.297	ng		89
10) Phenol	7.081	94	314455	21.014	ng		92
11) bis(2-Chloroethyl)ether	7.286	93	249138	21.300	ng		94
12) 1,3-Dichlorobenzene	7.751	146	328814	21.320	ng		95
13) 1,4-Dichlorobenzene	7.898	146	344733	21.885	ng		98
14) 1,2-Dichlorobenzene	8.216	146	339070	22.179	ng		98
15) Benzyl Alcohol	8.110	79	232794m	21.316	ng		
16) 2,2'-oxybis(1-Chloropr...	8.398	45	343625	21.858	ng		96
17) 2-Methylphenol	8.328	107	236121	22.504	ng		95
18) Hexachloroethane	8.939	117	87765	16.265	ng		92
19) n-Nitroso-di-n-propyla...	8.675	70	199017	21.016	ng		89
20) 3+4-Methylphenols	8.657	107	314205	21.877	ng		97
22) Acetophenone	8.692	105	425393	21.650	ng	#	92
24) Nitrobenzene	9.069	77	295144	21.335	ng		95
25) Isophorone	9.598	82	524547	23.107	ng		95
26) 2-Nitrophenol	9.780	139	146795	20.565	ng		90
27) 2,4-Dimethylphenol	9.857	122	257532	25.759	ng		98
28) bis(2-Chloroethoxy)met...	10.080	93	334708	21.803	ng		98
29) 2,4-Dichlorophenol	10.327	162	271370	21.552	ng		99
30) 1,2,4-Trichlorobenzene	10.533	180	316580	21.061	ng		98
31) Naphthalene	10.716	128	865760	21.519	ng		100
32) Benzoic acid	10.010	122	150207	18.557	ng		95
33) 4-Chloroaniline	10.833	127	235405	14.773	ng		95
34) Hexachlorobutadiene	11.004	225	199751	20.309	ng		100
35) Caprolactam	11.627	113	72309	20.928	ng		89
36) 4-Chloro-3-methylphenol	11.974	107	251216	20.082	ng		99
37) 2-Methylnaphthalene	12.327	142	589254	20.771	ng		98
38) 1-Methylnaphthalene	12.545	142	562787	20.294	ng		100
40) 1,2,4,5-Tetrachloroben...	12.698	216	337988	22.560	ng	#	96
41) Hexachlorocyclopentadiene	12.674	237	17822	6.975	ng		99
43) 2,4,6-Trichlorophenol	12.945	196	212376	21.753	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	222116	21.388	ng	#	92
46) 1,1'-Biphenyl	13.339	154	764962	22.192	ng		100
47) 2-Chloronaphthalene	13.380	162	591189	22.120	ng		98
48) 2-Nitroaniline	13.592	65	161836	24.268	ng		88
49) Acenaphthylene	14.227	152	909613	22.826	ng		99
50) Dimethylphthalate	13.963	163	704726	21.242	ng		99
51) 2,6-Dinitrotoluene	14.086	165	138197	20.292	ng	#	81
52) Acenaphthene	14.568	154	516979	21.303	ng		99
53) 3-Nitroaniline	14.415	138	142656	21.143	ng		96
54) 2,4-Dinitrophenol	14.645	184	12050	2.770	ng	#	84
55) Dibenzofuran	14.904	168	833989	20.405	ng		94
56) 4-Nitrophenol	14.757	139	215879	41.500	ng		86
57) 2,4-Dinitrotoluene	14.880	165	173309	18.971	ng		87
58) Fluorene	15.551	166	660436	20.724	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.139	232	177750	19.339	ng	#	86
60) Diethylphthalate	15.327	149	673182	20.767	ng		98
61) 4-Chlorophenyl-phenyle...	15.545	204	348456	20.083	ng		91
62) 4-Nitroaniline	15.580	138	154465	22.666	ng		87
63) Azobenzene	15.839	77	524585	19.128	ng		92
65) 4,6-Dinitro-2-methylph...	15.651	198	12837	2.273	ng		92
66) n-Nitrosodiphenylamine	15.762	169	569875	21.971	ng		100
67) 4-Bromophenyl-phenylether	16.439	248	212125	21.066	ng		91
68) Hexachlorobenzene	16.562	284	236270	21.063	ng	#	87
69) Atrazine	16.721	200	197374	22.862	ng		97
70) Pentachlorophenol	16.915	266	257642	39.767	ng		98
71) Phenanthrene	17.292	178	994053	21.484	ng		99
72) Anthracene	17.386	178	1005210	22.256	ng		100
73) Carbazole	17.656	167	897363	20.892	ng		98
74) Di-n-butylphthalate	18.221	149	1098557	22.043	ng		99
75) Fluoranthene	19.309	202	1160192	21.408	ng		99
77) Benzidine	19.503	184	39463	2.116	ng	#	91
78) Pyrene	19.674	202	1193115	19.756	ng		100
80) Butylbenzylphthalate	20.568	149	506368	21.922	ng		93
81) Benzo(a)anthracene	21.421	228	1242998	21.353	ng		99
82) 3,3'-Dichlorobenzidine	21.350	252	316319	21.948	ng		99
83) Chrysene	21.474	228	1147110	20.876	ng		100
84) Bis(2-ethylhexyl)phtha...	21.350	149	770876	23.605	ng	#	98
85) Di-n-octyl phthalate	22.262	149	1320161	24.366	ng		96
87) Indeno(1,2,3-cd)pyrene	26.268	276	1404705	20.982	ng		97
88) Benzo(b)fluoranthene	23.085	252	1275723	21.519	ng		100
89) Benzo(k)fluoranthene	23.132	252	1238337	21.142	ng		99
90) Benzo(a)pyrene	23.703	252	1205554	24.535	ng		99
91) Dibenzo(a,h)anthracene	26.279	278	1240093	22.299	ng		98
92) Benzo(g,h,i)perylene	27.020	276	1227353	22.128	ng		97

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

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