Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
Data File : BM037460.D
Acq On : 11 Nov 2022 10:28
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

Quant Time: Nov 11 22:54:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 11 22:49:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	371247	20.000	ng		0.00
21) Naphthalene-d8	10.610	136	1612269	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	1013195	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	1983190	20.000	ng		0.00
76) Chrysene-d12	21.386	240	1730667	20.000	ng		0.00
86) Perylene-d12	23.721	264	1400548	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1444445	67.219	ng		0.00
7) Phenol-d6	6.992	99	2168857	74.366	ng		0.00
23) Nitrobenzene-d5	8.981	82	2320351	72.611	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	1077457	90.238	ng		0.00
45) 2-Fluorobiphenyl	13.074	172	5750813	75.416	ng		0.00
79) Terphenyl-d14	19.827	244	7995122	82.843	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	306622	34.846	ng		97
3) Pyridine	3.663	79	890804m	33.981	ng		
4) n-Nitrosodimethylamine	3.581	42	384150	33.527	ng		99
6) Aniline	7.145	93	1346169	37.757	ng		99
8) 2-Chlorophenol	7.375	128	996339	38.095	ng		98
9) Benzaldehyde	6.957	77	556218	37.677	ng		98
10) Phenol	7.016	94	1203462	36.827	ng		99
11) bis(2-Chloroethyl)ether	7.239	93	982973	37.517	ng		97
12) 1,3-Dichlorobenzene	7.692	146	1071939	37.508	ng		98
13) 1,4-Dichlorobenzene	7.839	146	1098312	37.256	ng		99
14) 1,2-Dichlorobenzene	8.157	146	1076489	38.021	ng		98
15) Benzyl Alcohol	8.063	79	835194	40.055	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.345	45	1389037	37.187	ng		99
17) 2-Methylphenol	8.269	107	845310	39.581	ng		99
18) Hexachloroethane	8.875	117	414385	39.858	ng		98
19) n-Nitroso-di-n-propyla...	8.628	70	839214	41.977	ng		99
20) 3+4-Methylphenols	8.598	107	1182701	40.317	ng		100
22) Acetophenone	8.645	105	1553374	37.068	ng	#	98
24) Nitrobenzene	9.022	77	1161325	35.846	ng		98
25) Isophorone	9.551	82	2145855	40.178	ng		99
26) 2-Nitrophenol	9.733	139	593005	40.886	ng		98
27) 2,4-Dimethylphenol	9.798	122	830311	38.574	ng		99
28) bis(2-Chloroethoxy)met...	10.033	93	1244016	37.437	ng		100
29) 2,4-Dichlorophenol	10.269	162	990324	40.080	ng		99
30) 1,2,4-Trichlorobenzene	10.469	180	1062249	37.910	ng		99
31) Naphthalene	10.657	128	3342880	36.596	ng		99
32) Benzoic acid	9.980	122	732567	38.937	ng		99
33) 4-Chloroaniline	10.786	127	1347615	37.038	ng		99
34) Hexachlorobutadiene	10.928	225	637504	40.745	ng		97
35) Caprolactam	11.616	113	329817	43.907	ng		96
36) 4-Chloro-3-methylphenol	11.922	107	1022640	40.162	ng		97
37) 2-Methylnaphthalene	12.274	142	2411866	38.971	ng		99
38) 1-Methylnaphthalene	12.492	142	2360535	39.035	ng		99
40) 1,2,4,5-Tetrachloroben...	12.639	216	1179698	38.725	ng		99
41) Hexachlorocyclopentadiene	12.610	237	556441	38.337	ng		99
43) 2,4,6-Trichlorophenol	12.892	196	855163	40.778	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	932365	40.303	ng		98
46) 1,1'-Biphenyl	13.286	154	2999155	36.681	ng		99
47) 2-Chloronaphthalene	13.333	162	2384465	36.647	ng		99
48) 2-Nitroaniline	13.551	65	717342	38.151	ng		98
49) Acenaphthylene	14.174	152	3794985	37.573	ng		100
50) Dimethylphthalate	13.927	163	3021586	39.044	ng		100
51) 2,6-Dinitrotoluene	14.051	165	662495	40.424	ng		92
52) Acenaphthene	14.515	154	2298023	36.802	ng		99
53) 3-Nitroaniline	14.380	138	692092	37.801	ng		97
54) 2,4-Dinitrophenol	14.592	184	404281	40.892	ng		91
55) Dibenzofuran	14.851	168	3585071	37.276	ng		100
56) 4-Nitrophenol	14.704	139	528346	36.173	ng		96
57) 2,4-Dinitrotoluene	14.839	165	909592	42.178	ng		99
58) Fluorene	15.504	166	3083727	38.413	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	803552	41.441	ng		96
60) Diethylphthalate	15.280	149	3036847	40.374	ng		100
61) 4-Chlorophenyl-phenyle...	15.498	204	1480236	39.855	ng		97
62) 4-Nitroaniline	15.545	138	655827m	35.716	ng		
63) Azobenzene	15.792	77	2781085	37.532	ng		98
65) 4,6-Dinitro-2-methylph...	15.598	198	531989	39.449	ng		98
66) n-Nitrosodiphenylamine	15.715	169	2493730	37.201	ng		99
67) 4-Bromophenyl-phenylether	16.392	248	901086	40.489	ng		97
68) Hexachlorobenzene	16.498	284	1080198	40.107	ng		98
69) Atrazine	16.674	200	699109	41.449	ng		99
70) Pentachlorophenol	16.851	266	638615	40.749	ng		98
71) Phenanthrene	17.245	178	4484731	36.450	ng		100
72) Anthracene	17.333	178	4368772	37.506	ng		100
73) Carbazole	17.609	167	3839193	35.932	ng		99
74) Di-n-butylphthalate	18.168	149	5173077	43.847	ng		100
75) Fluoranthene	19.256	202	5048169	38.814	ng		99
77) Benzidine	19.456	184	1018003	39.447	ng		99
78) Pyrene	19.621	202	5168891	38.840	ng		99
80) Butylbenzylphthalate	20.521	149	2215288	46.611	ng		98
81) Benzo(a)anthracene	21.368	228	4530304	36.768	ng		100
82) 3,3'-Dichlorobenzidine	21.309	252	1398594	38.648	ng		99
83) Chrysene	21.421	228	4278887	36.046	ng		99
84) Bis(2-ethylhexyl)phtha...	21.297	149	3094272	48.508	ng	#	97
85) Di-n-octyl phthalate	22.197	149	4626240	46.050	ng		98
87) Indeno(1,2,3-cd)pyrene	26.144	276	3826865	33.372	ng		97
88) Benzo(b)fluoranthene	23.015	252	3687613	37.925	ng		99
89) Benzo(k)fluoranthene	23.062	252	3639724	36.698	ng		99
90) Benzo(a)pyrene	23.621	252	2908145	36.708	ng		99
91) Dibenzo(a,h)anthracene	26.162	278	3174860	33.339	ng		98
92) Benzo(g,h,i)perylene	26.885	276	3030083	32.693	ng		98

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

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