Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071422\
Data File : BM035805.D
Acq On : 14 Jul 2022 10:30
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022

Quant Time: Jul 15 01:08:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 14 01:21:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	342662	20.000	ng		0.00
21) Naphthalene-d8	10.716	136	1498333	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	952966	20.000	ng		0.00
64) Phenanthrene-d10	17.286	188	2003033	20.000	ng		0.00
76) Chrysene-d12	21.462	240	1955035	20.000	ng		0.00
86) Perylene-d12	23.850	264	2080138	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	1630332	77.281	ng		0.00
7) Phenol-d6	7.075	99	2291706	86.846	ng		0.00
23) Nitrobenzene-d5	9.075	82	2175435	83.002	ng		0.00
42) 2,4,6-Tribromophenol	16.027	330	950540	98.222	ng		0.00
45) 2-Fluorobiphenyl	13.180	172	5019783	73.462	ng		0.00
79) Terphenyl-d14	19.909	244	7787272	77.321	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	305742	34.358	ng	#	93
3) Pyridine	3.722	79	937912m	40.611	ng		
4) n-Nitrosodimethylamine	3.640	42	388739	38.241	ng	#	71
6) Aniline	7.234	93	1278039	43.340	ng		96
8) 2-Chlorophenol	7.469	128	913623	41.594	ng		95
9) Benzaldehyde	7.045	77	572313	39.737	ng		93
10) Phenol	7.098	94	1138360	42.842	ng		91
11) bis(2-Chloroethyl)ether	7.334	93	906802	41.393	ng		94
12) 1,3-Dichlorobenzene	7.792	146	958830	38.078	ng		98
13) 1,4-Dichlorobenzene	7.945	146	977735	38.121	ng		99
14) 1,2-Dichlorobenzene	8.257	146	957713	38.695	ng		99
15) Benzyl Alcohol	8.151	79	810143	47.741	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.445	45	1184138	41.873	ng		98
17) 2-Methylphenol	8.357	107	762320	44.501	ng		95
18) Hexachloroethane	8.992	117	353007	39.113	ng		98
19) n-Nitroso-di-n-propyla...	8.722	70	727302	47.994	ng	#	88
20) 3+4-Methylphenols	8.687	107	1068748	46.614	ng		96
22) Acetophenone	8.734	105	1449082	40.063	ng		93
24) Nitrobenzene	9.116	77	998482	40.429	ng		97
25) Isophorone	9.645	82	1894399	45.634	ng		97
26) 2-Nitrophenol	9.828	139	483290	45.882	ng		92
27) 2,4-Dimethylphenol	9.892	122	766030	43.008	ng		99
28) bis(2-Chloroethoxy)met...	10.134	93	1231098	42.062	ng		99
29) 2,4-Dichlorophenol	10.363	162	854473	43.820	ng		99
30) 1,2,4-Trichlorobenzene	10.581	180	926814	38.461	ng		98
31) Naphthalene	10.769	128	2941531	38.873	ng		99
32) Benzoic acid	10.039	122	664866	54.133	ng		94
33) 4-Chloroaniline	10.881	127	1301660	43.507	ng		95
34) Hexachlorobutadiene	11.051	225	528761	38.046	ng		99
35) Caprolactam	11.663	113	318775	52.998	ng		97
36) 4-Chloro-3-methylphenol	12.004	107	948649	48.111	ng		99
37) 2-Methylnaphthalene	12.375	142	2081141	41.814	ng		97
38) 1-Methylnaphthalene	12.592	142	2025077	41.768	ng		98
40) 1,2,4,5-Tetrachloroben...	12.739	216	1012116	36.688	ng		98
41) Hexachlorocyclopentadiene	12.722	237	552610	38.407	ng		98
43) 2,4,6-Trichlorophenol	12.980	196	719564	44.768	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	767115	44.491	ng	98
46) 1,1'-Biphenyl	13.386	154	2719841	37.578	ng	99
47) 2-Chloronaphthalene	13.427	162	2080207	37.540	ng	99
48) 2-Nitroaniline	13.627	65	623176	43.334	ng	92
49) Acenaphthylene	14.269	152	3354450	40.049	ng	100
50) Dimethylphthalate	14.010	163	2602155	42.366	ng	99
51) 2,6-Dinitrotoluene	14.127	165	561707	42.289	ng	90
52) Acenaphthene	14.610	154	2000798	39.139	ng	99
53) 3-Nitroaniline	14.451	138	679754	42.883	ng	96
54) 2,4-Dinitrophenol	14.657	184	274116	51.633	ng	90
55) Dibenzofuran	14.945	168	3238340	39.173	ng	97
56) 4-Nitrophenol	14.757	139	550738	45.913	ng	85
57) 2,4-Dinitrotoluene	14.910	165	774288	44.122	ng	97
58) Fluorene	15.592	166	2625892	40.036	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.168	232	661649	46.546	ng	95
60) Diethylphthalate	15.368	149	2685698	44.444	ng	100
61) 4-Chlorophenyl-phenyle...	15.586	204	1284472	39.445	ng	96
62) 4-Nitroaniline	15.616	138	735231	44.340	ng	90
63) Azobenzene	15.880	77	2590094	41.359	ng	94
65) 4,6-Dinitro-2-methylph...	15.668	198	393837	46.886	ng	93
66) n-Nitrosodiphenylamine	15.804	169	2254330	39.358	ng	99
67) 4-Bromophenyl-phenylether	16.480	248	794526	40.053	ng	94
68) Hexachlorobenzene	16.586	284	908830	38.791	ng	94
69) Atrazine	16.751	200	664426	44.895	ng	97
70) Pentachlorophenol	16.933	266	558319	46.127	ng	98
71) Phenanthrene	17.327	178	4060203	38.586	ng	99
72) Anthracene	17.415	178	4039423	39.904	ng	99
73) Carbazole	17.686	167	4146091	40.711	ng	99
74) Di-n-butylphthalate	18.262	149	4642352	42.970	ng	99
75) Fluoranthene	19.339	202	4790903	40.712	ng	98
77) Benzidine	19.527	184	1874503	68.487	ng	99
78) Pyrene	19.698	202	4944643	40.274	ng	99
80) Butylbenzylphthalate	20.609	149	1991055	46.031	ng	96
81) Benzo(a)anthracene	21.450	228	4886082	39.840	ng	99
82) 3,3'-Dichlorobenzidine	21.380	252	1236549	49.733	ng	100
83) Chrysene	21.503	228	4633572	39.132	ng	99
84) Bis(2-ethylhexyl)phtha...	21.386	149	2866472	44.064	ng	98
85) Di-n-octyl phthalate	22.315	149	4718489	49.315	ng	96
87) Indeno(1,2,3-cd)pyrene	26.350	276	6233927	41.154	ng	100
88) Benzo(b)fluoranthene	23.127	252	4965369	39.522	ng	99
89) Benzo(k)fluoranthene	23.174	252	4808490	36.592	ng	99
90) Benzo(a)pyrene	23.744	252	4208082	40.031	ng	98
91) Dibenzo(a,h)anthracene	26.374	278	5151224	40.993	ng	99
92) Benzo(g,h,i)perylene	27.115	276	5083255	40.999	ng	100

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

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