Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
Data File : BM034360.D
Acq On : 24 Mar 2022 12:30
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

Quant Time: Mar 25 01:09:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 02:40:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.937	152	217933	20.000	ng		0.00
21) Naphthalene-d8	10.754	136	960464	20.000	ng		0.00
39) Acenaphthene-d10	14.583	164	642456	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	1346228	20.000	ng		0.00
76) Chrysene-d12	21.500	240	1361640	20.000	ng		0.00
86) Perylene-d12	23.912	264	1366164	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.496	112	1019433	83.917	ng		0.00
7) Phenol-d6	7.107	99	1547219	88.955	ng		0.00
23) Nitrobenzene-d5	9.107	82	1623324	82.288	ng		0.00
42) 2,4,6-Tribromophenol	16.071	330	750735	86.695	ng		0.00
45) 2-Fluorobiphenyl	13.213	172	3708089	78.870	ng		0.00
79) Terphenyl-d14	19.942	244	5979882	76.310	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.349	88	201750	36.706	ng		98
3) Pyridine	3.755	79	612438	41.177	ng		98
4) n-Nitrosodimethylamine	3.666	42	273843	38.776	ng		94
6) Aniline	7.260	93	877238	44.135	ng		100
8) 2-Chlorophenol	7.501	128	606664	42.696	ng		99
9) Benzaldehyde	7.066	77	401351	42.830	ng		99
10) Phenol	7.131	94	756208	43.714	ng		99
11) bis(2-Chloroethyl)ether	7.360	93	600069	42.262	ng		99
12) 1,3-Dichlorobenzene	7.831	146	640720	39.753	ng		99
13) 1,4-Dichlorobenzene	7.972	146	651835	39.505	ng		100
14) 1,2-Dichlorobenzene	8.295	146	648402	40.311	ng		98
15) Benzyl Alcohol	8.178	79	623313	45.031	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.478	45	833885	42.795	ng		100
17) 2-Methylphenol	8.390	107	531695	43.885	ng		98
18) Hexachloroethane	9.031	117	243018	39.933	ng		99
19) n-Nitroso-di-n-propyla...	8.754	70	561121	44.600	ng		100
20) 3+4-Methylphenols	8.719	107	755895	45.112	ng		98
22) Acetophenone	8.766	105	1014704	41.168	ng	#	99
24) Nitrobenzene	9.148	77	746573	40.534	ng		98
25) Isophorone	9.678	82	1418014	42.955	ng		97
26) 2-Nitrophenol	9.860	139	365361	44.732	ng		98
27) 2,4-Dimethylphenol	9.925	122	530159	41.452	ng		98
28) bis(2-Chloroethoxy)met...	10.160	93	862028	40.787	ng		100
29) 2,4-Dichlorophenol	10.401	162	613506	41.286	ng		99
30) 1,2,4-Trichlorobenzene	10.619	180	650362	38.502	ng		99
31) Naphthalene	10.807	128	1997389	39.918	ng		99
32) Benzoic acid	10.095	122	478145	45.209	ng		100
33) 4-Chloroaniline	10.907	127	856737	43.404	ng		99
34) Hexachlorobutadiene	11.095	225	402739	37.643	ng		98
35) Caprolactam	11.713	113	239271	46.320	ng		98
36) 4-Chloro-3-methylphenol	12.042	107	730843	42.917	ng		99
37) 2-Methylnaphthalene	12.413	142	1448270	40.562	ng		99
38) 1-Methylnaphthalene	12.630	142	1421864	40.710	ng		100
40) 1,2,4,5-Tetrachloroben...	12.783	216	744586	38.404	ng		100
41) Hexachlorocyclopentadiene	12.766	237	439488	39.149	ng		100
43) 2,4,6-Trichlorophenol	13.025	196	550882	41.155	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.095	196	588469	40.958	ng	98
46) 1,1'-Biphenyl	13.419	154	1938057	39.563	ng	99
47) 2-Chloronaphthalene	13.460	162	1493480	39.719	ng	98
48) 2-Nitroaniline	13.660	65	528061	45.937	ng	99
49) Acenaphthylene	14.307	152	2410163	41.125	ng	99
50) Dimethylphthalate	14.042	163	1991331	40.725	ng	100
51) 2,6-Dinitrotoluene	14.160	165	426386	42.514	ng	93
52) Acenaphthene	14.648	154	1621996m	41.089	ng	
53) 3-Nitroaniline	14.483	138	461374	45.852	ng	99
54) 2,4-Dinitrophenol	14.689	184	276109	49.136	ng	97
55) Dibenzofuran	14.983	168	2363851	40.182	ng	99
56) 4-Nitrophenol	14.795	139	399543	48.980	ng	99
57) 2,4-Dinitrotoluene	14.942	165	604801	44.612	ng	98
58) Fluorene	15.630	166	1972677	41.305	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.207	232	535221	41.311	ng	99
60) Diethylphthalate	15.401	149	2097247	41.806	ng	99
61) 4-Chlorophenyl-phenyle...	15.619	204	978491	40.130	ng	98
62) 4-Nitroaniline	15.648	138	483580	49.958	ng	99
63) Azobenzene	15.913	77	2021913	41.797	ng	99
65) 4,6-Dinitro-2-methylph...	15.707	198	400536	45.756	ng	98
66) n-Nitrosodiphenylamine	15.836	169	1710135	39.985	ng	99
67) 4-Bromophenyl-phenylether	16.513	248	620531	40.097	ng	99
68) Hexachlorobenzene	16.636	284	676132	39.170	ng	99
69) Atrazine	16.783	200	587317	41.662	ng	100
70) Pentachlorophenol	16.977	266	461506	41.808	ng	98
71) Phenanthrene	17.365	178	3033966	40.243	ng	100
72) Anthracene	17.460	178	3032692	41.328	ng	99
73) Carbazole	17.724	167	2971822	43.425	ng	99
74) Di-n-butylphthalate	18.289	149	3664044	43.067	ng	99
75) Fluoranthene	19.377	202	3544628	41.940	ng	98
77) Benzidine	19.554	184	1001237	50.177	ng	99
78) Pyrene	19.742	202	3645022	37.995	ng	99
80) Butylbenzylphthalate	20.630	149	1756418	43.291	ng	98
81) Benzo(a)anthracene	21.483	228	3536165	41.146	ng	99
82) 3,3'-Dichlorobenzidine	21.412	252	1244672	43.361	ng	99
83) Chrysene	21.536	228	3413674	38.897	ng	99
84) Bis(2-ethylhexyl)phtha...	21.406	149	2599073	43.381	ng	99
85) Di-n-octyl phthalate	22.336	149	4323472	45.461	ng	99
87) Indeno(1,2,3-cd)pyrene	26.447	276	3614447	41.128	ng	98
88) Benzo(b)fluoranthene	23.177	252	3230422	39.543	ng	99
89) Benzo(k)fluoranthene	23.230	252	3476493	40.172	ng	99
90) Benzo(a)pyrene	23.812	252	2801602	40.453	ng	99
91) Dibenzo(a,h)anthracene	26.459	278	2979441	41.811	ng	99
92) Benzo(g,h,i)perylene	27.224	276	2907127	39.415	ng	99

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

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