Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072022\
Data File : BM035881.D
Acq On : 20 Jul 2022 15:05
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 20 15:42:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 18 17:08:15 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	313174	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	1246610	20.000	ng		0.00
39) Acenaphthene-d10	14.533	164	690943	20.000	ng		0.00
64) Phenanthrene-d10	17.268	188	1319211	20.000	ng		0.00
76) Chrysene-d12	21.450	240	1230031	20.000	ng		0.00
86) Perylene-d12	23.827	264	1209205	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1643037	81.335	ng		0.00
7) Phenol-d6	7.063	99	2095444	82.490	ng		0.00
23) Nitrobenzene-d5	9.069	82	1946600	83.515	ng		0.00
42) 2,4,6-Tribromophenol	16.015	330	625221	80.897	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	4096824	83.812	ng		0.00
79) Terphenyl-d14	19.897	244	5234633	82.801	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	339675	40.681	ng		94
3) Pyridine	3.722	79	925925	41.726	ng		91
4) n-Nitrosodimethylamine	3.640	42	397910	42.907	ng	#	68
6) Aniline	7.222	93	1171600	41.999	ng		96
8) 2-Chlorophenol	7.457	128	844726	40.467	ng		99
9) Benzaldehyde	7.034	77	545883	38.250	ng		96
10) Phenol	7.092	94	1055328	41.251	ng		92
11) bis(2-Chloroethyl)ether	7.328	93	859458	41.636	ng		96
12) 1,3-Dichlorobenzene	7.786	146	942422	40.476	ng		98
13) 1,4-Dichlorobenzene	7.934	146	956842	40.362	ng		99
14) 1,2-Dichlorobenzene	8.251	146	930574	40.585	ng		98
15) Benzyl Alcohol	8.139	79	689450	41.192	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.439	45	1144429	42.584	ng		97
17) 2-Methylphenol	8.345	107	689255	41.499	ng		95
18) Hexachloroethane	8.980	117	348122	40.818	ng		94
19) n-Nitroso-di-n-propyla...	8.716	70	619927	42.094	ng		90
20) 3+4-Methylphenols	8.675	107	929295	41.398	ng		97
22) Acetophenone	8.728	105	1272971	41.318	ng	#	93
24) Nitrobenzene	9.110	77	918569	41.959	ng		99
25) Isophorone	9.633	82	1523802	41.791	ng	#	98
26) 2-Nitrophenol	9.816	139	382367	38.773	ng		96
27) 2,4-Dimethylphenol	9.880	122	643899	41.393	ng		98
28) bis(2-Chloroethoxy)met...	10.122	93	1064526	41.946	ng		99
29) 2,4-Dichlorophenol	10.351	162	703543	40.791	ng		99
30) 1,2,4-Trichlorobenzene	10.569	180	805150	40.450	ng		99
31) Naphthalene	10.757	128	2631131	41.540	ng		99
32) Benzoic acid	10.016	122	446885	37.984	ng		97
33) 4-Chloroaniline	10.869	127	1053154	41.563	ng		96
34) Hexachlorobutadiene	11.039	225	454716	39.803	ng		99
35) Caprolactam	11.651	113	207811	39.397	ng		95
36) 4-Chloro-3-methylphenol	11.992	107	738304	41.746	ng		99
37) 2-Methylnaphthalene	12.363	142	1720367	41.752	ng		98
38) 1-Methylnaphthalene	12.580	142	1677210	41.819	ng		98
40) 1,2,4,5-Tetrachloroben...	12.727	216	794446	40.244	ng		99
41) Hexachlorocyclopentadiene	12.710	237	423728	39.824	ng		99
43) 2,4,6-Trichlorophenol	12.968	196	522752	40.062	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.039	196	564436	41.026	ng	98
46) 1,1'-Biphenyl	13.374	154	2189380	41.654	ng	98
47) 2-Chloronaphthalene	13.416	162	1658959	41.064	ng	99
48) 2-Nitroaniline	13.621	65	473047	42.494	ng	95
49) Acenaphthylene	14.257	152	2595853	41.730	ng	100
50) Dimethylphthalate	13.998	163	1846772	40.607	ng	99
51) 2,6-Dinitrotoluene	14.115	165	390149	41.025	ng	96
52) Acenaphthene	14.598	154	1559112	41.840	ng	99
53) 3-Nitroaniline	14.445	138	481456	42.049	ng	97
54) 2,4-Dinitrophenol	14.645	184	177742	37.930	ng	90
55) Dibenzofuran	14.933	168	2486967	41.656	ng	97
56) 4-Nitrophenol	14.745	139	369678	41.150	ng	88
57) 2,4-Dinitrotoluene	14.898	165	514244	41.320	ng	98
58) Fluorene	15.580	166	1980665	42.253	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.151	232	453214	40.981	ng	98
60) Diethylphthalate	15.357	149	1839213	40.813	ng	99
61) 4-Chlorophenyl-phenyle...	15.574	204	943770	41.379	ng	97
62) 4-Nitroaniline	15.604	138	498857	42.550	ng	93
63) Azobenzene	15.868	77	2014402	43.534	ng	93
65) 4,6-Dinitro-2-methylph...	15.657	198	251557	37.974	ng	94
66) n-Nitrosodiphenylamine	15.792	169	1609940	41.561	ng	99
67) 4-Bromophenyl-phenylether	16.468	248	540576	40.763	ng	96
68) Hexachlorobenzene	16.574	284	625928	40.659	ng	93
69) Atrazine	16.739	200	431031	42.345	ng	99
70) Pentachlorophenol	16.915	266	356359	41.716	ng	99
71) Phenanthrene	17.315	178	2891072	41.659	ng	99
72) Anthracene	17.403	178	2831112	41.970	ng	99
73) Carbazole	17.674	167	2868272	41.918	ng	99
74) Di-n-butylphthalate	18.245	149	2854161	40.968	ng	100
75) Fluoranthene	19.327	202	3147121	41.721	ng	99
77) Benzidine	19.515	184	822668	38.094	ng	99
78) Pyrene	19.686	202	3263527	40.578	ng	99
80) Butylbenzylphthalate	20.597	149	1117961	38.940	ng	98
81) Benzo(a)anthracene	21.433	228	3156221	40.535	ng	99
82) 3,3'-Dichlorobenzidine	21.368	252	721581	39.563	ng	99
83) Chrysene	21.486	228	3024082	40.701	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	1604242	39.644	ng	100
85) Di-n-octyl phthalate	22.291	149	2511916	39.127	ng	98
87) Indeno(1,2,3-cd)pyrene	26.303	276	3618746	40.959	ng	98
88) Benzo(b)fluoranthene	23.103	252	2939905	40.844	ng	99
89) Benzo(k)fluoranthene	23.150	252	3034878m	40.743	ng	
90) Benzo(a)pyrene	23.721	252	2489141	40.628	ng	98
91) Dibenzo(a,h)anthracene	26.326	278	3026504	41.222	ng	99
92) Benzo(g,h,i)perylene	27.062	276	2961614	40.904	ng	98

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

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