Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072122\
Data File : BM035883.D
Acq On : 21 Jul 2022 10:54
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jul 22 01:06:55 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.892	152	317232	20.000	ng		0.00
21) Naphthalene-d8	10.698	136	1345476	20.000	ng		-0.01
39) Acenaphthene-d10	14.527	164	821729	20.000	ng		0.00
64) Phenanthrene-d10	17.268	188	1702014	20.000	ng		0.00
76) Chrysene-d12	21.444	240	1740911	20.000	ng		0.00
86) Perylene-d12	23.815	264	1725030	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	1620910	79.213	ng		0.00
7) Phenol-d6	7.057	99	2171807	84.403	ng		0.00
23) Nitrobenzene-d5	9.063	82	2073454	82.421	ng		0.00
42) 2,4,6-Tribromophenol	16.015	330	806562	87.751	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	4650157	79.990	ng		0.00
79) Terphenyl-d14	19.892	244	7199116	80.458	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	319606	37.788	ng	#	93
3) Pyridine	3.722	79	927253	41.251	ng		90
4) n-Nitrosodimethylamine	3.640	42	381753	40.638	ng	#	63
6) Aniline	7.222	93	1230399	43.542	ng		95
8) 2-Chlorophenol	7.457	128	873790	41.324	ng		96
9) Benzaldehyde	7.028	77	548064	37.912	ng		97
10) Phenol	7.087	94	1095371	42.268	ng		89
11) bis(2-Chloroethyl)ether	7.322	93	875835	41.887	ng		95
12) 1,3-Dichlorobenzene	7.781	146	952274	40.376	ng		98
13) 1,4-Dichlorobenzene	7.928	146	967963	40.308	ng		99
14) 1,2-Dichlorobenzene	8.245	146	943239	40.611	ng		99
15) Benzyl Alcohol	8.139	79	743124	43.831	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.434	45	1166364	42.846	ng		96
17) 2-Methylphenol	8.339	107	724685	43.074	ng		95
18) Hexachloroethane	8.975	117	348741	40.368	ng		95
19) n-Nitroso-di-n-propyla...	8.710	70	682211	45.731	ng		88
20) 3+4-Methylphenols	8.669	107	997027	43.847	ng		96
22) Acetophenone	8.722	105	1359556	40.886	ng	#	92
24) Nitrobenzene	9.104	77	962828	40.749	ng		96
25) Isophorone	9.628	82	1723405	43.792	ng		99
26) 2-Nitrophenol	9.816	139	438215	41.171	ng		92
27) 2,4-Dimethylphenol	9.875	122	707366	42.131	ng		96
28) bis(2-Chloroethoxy)met...	10.116	93	1163889	42.491	ng		100
29) 2,4-Dichlorophenol	10.345	162	782530	42.037	ng		99
30) 1,2,4-Trichlorobenzene	10.563	180	862481	40.146	ng		98
31) Naphthalene	10.751	128	2811556	41.127	ng		99
32) Benzoic acid	10.016	122	565938	44.569	ng		95
33) 4-Chloroaniline	10.863	127	1194541	43.679	ng		96
34) Hexachlorobutadiene	11.033	225	495288	40.169	ng		98
35) Caprolactam	11.651	113	273654	48.068	ng		94
36) 4-Chloro-3-methylphenol	11.986	107	859703	45.038	ng		100
37) 2-Methylnaphthalene	12.357	142	1917824	43.124	ng		98
38) 1-Methylnaphthalene	12.580	142	1879432	43.418	ng		98
40) 1,2,4,5-Tetrachloroben...	12.722	216	904111	38.510	ng		98
41) Hexachlorocyclopentadiene	12.704	237	483254	38.190	ng		98
43) 2,4,6-Trichlorophenol	12.963	196	624655	40.252	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	676828	41.365	ng	99
46) 1,1'-Biphenyl	13.369	154	2515024	40.234	ng	99
47) 2-Chloronaphthalene	13.410	162	1907152	39.694	ng	100
48) 2-Nitroaniline	13.616	65	575833	43.494	ng	95
49) Acenaphthylene	14.251	152	3055357	41.300	ng	100
50) Dimethylphthalate	13.998	163	2310186	42.712	ng	99
51) 2,6-Dinitrotoluene	14.110	165	492667	43.560	ng	95
52) Acenaphthene	14.592	154	1817610	41.014	ng	100
53) 3-Nitroaniline	14.439	138	612948	45.013	ng	95
54) 2,4-Dinitrophenol	14.639	184	250301	44.913	ng	89
55) Dibenzofuran	14.927	168	2953310	41.594	ng	97
56) 4-Nitrophenol	14.739	139	491108	45.966	ng	88
57) 2,4-Dinitrotoluene	14.892	165	676930	45.735	ng	98
58) Fluorene	15.574	166	2387970	42.834	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	567852	43.175	ng	98
60) Diethylphthalate	15.357	149	2375648	44.326	ng	99
61) 4-Chlorophenyl-phenyle...	15.574	204	1159219	42.736	ng	95
62) 4-Nitroaniline	15.598	138	652141	46.771	ng	92
63) Azobenzene	15.862	77	2403586	43.677	ng	93
65) 4,6-Dinitro-2-methylph...	15.651	198	357335	41.809	ng	94
66) n-Nitrosodiphenylamine	15.786	169	2014378	40.306	ng	100
67) 4-Bromophenyl-phenylether	16.462	248	683496	39.948	ng	97
68) Hexachlorobenzene	16.568	284	796496	40.102	ng	94
69) Atrazine	16.739	200	588373	44.802	ng	99
70) Pentachlorophenol	16.915	266	480344	43.583	ng	99
71) Phenanthrene	17.309	178	3649188	40.756	ng	99
72) Anthracene	17.398	178	3591290	41.265	ng	98
73) Carbazole	17.674	167	3755912	42.545	ng	99
74) Di-n-butylphthalate	18.245	149	3960361	44.060	ng	99
75) Fluoranthene	19.321	202	4244393	43.612	ng	97
77) Benzidine	19.509	184	1449480	47.422	ng	99
78) Pyrene	19.686	202	4446175	39.060	ng	98
80) Butylbenzylphthalate	20.592	149	1704100	41.938	ng	98
81) Benzo(a)anthracene	21.433	228	4526847	41.077	ng	99
82) 3,3'-Dichlorobenzidine	21.368	252	1070706	41.477	ng	99
83) Chrysene	21.486	228	4318263	41.064	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	2519412	43.989	ng	99
85) Di-n-octyl phthalate	22.291	149	4040175	44.464	ng	97
87) Indeno(1,2,3-cd)pyrene	26.297	276	4778022	37.909	ng	98
88) Benzo(b)fluoranthene	23.097	252	4267078	41.556	ng	98
89) Benzo(k)fluoranthene	23.144	252	4419909	41.594	ng	98
90) Benzo(a)pyrene	23.715	252	3581476	40.977	ng	98
91) Dibenzo(a,h)anthracene	26.315	278	3998126	38.172	ng	98
92) Benzo(g,h,i)perylene	27.056	276	3809751	36.884	ng	98

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

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