Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061422\
Data File : BM035464.D
Acq On : 14 Jun 2022 13:09
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jun 15 03:06:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 10 16:05:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.816	152	269867	20.000	ng		0.00
21) Naphthalene-d8	10.616	136	1159694	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	730633	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1507193	20.000	ng	#	0.00
76) Chrysene-d12	21.398	240	1478303	20.000	ng		0.00
86) Perylene-d12	23.739	264	1476410	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	1305583	82.040	ng		0.00
7) Phenol-d6	6.998	99	1794737	81.383	ng		0.00
23) Nitrobenzene-d5	8.981	82	1731478	81.137	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	713855	91.770	ng		0.00
45) 2-Fluorobiphenyl	13.086	172	3996361	78.141	ng		0.00
79) Terphenyl-d14	19.839	244	5706769	73.708	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	233617	38.488	ng		95
3) Pyridine	3.699	79	704686	41.511	ng		96
4) n-Nitrosodimethylamine	3.610	42	309632	39.516	ng	#	77
6) Aniline	7.146	93	998890	41.905	ng		99
8) 2-Chlorophenol	7.381	128	748768	40.988	ng		98
9) Benzaldehyde	6.957	77	406166	36.687	ng		95
10) Phenol	7.028	94	878716	41.017	ng		93
11) bis(2-Chloroethyl)ether	7.246	93	699603	40.742	ng		99
12) 1,3-Dichlorobenzene	7.704	146	775955	39.818	ng		98
13) 1,4-Dichlorobenzene	7.851	146	797723	39.985	ng		99
14) 1,2-Dichlorobenzene	8.163	146	787876	40.461	ng		100
15) Benzyl Alcohol	8.063	79	627317	42.462	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.351	45	1148748	38.518	ng		98
17) 2-Methylphenol	8.275	107	621623	42.283	ng		95
18) Hexachloroethane	8.887	117	285409	39.889	ng		94
19) n-Nitroso-di-n-propyla...	8.634	70	581086	41.920	ng		94
20) 3+4-Methylphenols	8.604	107	876615	42.537	ng		96
22) Acetophenone	8.645	105	1165179	41.483	ng	#	96
24) Nitrobenzene	9.022	77	796683	40.773	ng		95
25) Isophorone	9.551	82	1439821	41.487	ng		98
26) 2-Nitrophenol	9.734	139	429580	42.959	ng		90
27) 2,4-Dimethylphenol	9.804	122	617599	42.147	ng		97
28) bis(2-Chloroethoxy)met...	10.034	93	995111	41.210	ng		99
29) 2,4-Dichlorophenol	10.275	162	696284	42.640	ng		97
30) 1,2,4-Trichlorobenzene	10.481	180	734169	40.442	ng		99
31) Naphthalene	10.663	128	2357989	40.594	ng		99
32) Benzoic acid	9.998	122	557256	41.439	ng		93
33) 4-Chloroaniline	10.781	127	1023129	43.291	ng		97
34) Hexachlorobutadiene	10.951	225	418374	40.952	ng		99
35) Caprolactam	11.592	113	262447	47.416	ng		97
36) 4-Chloro-3-methylphenol	11.928	107	787908	42.560	ng		100
37) 2-Methylnaphthalene	12.281	142	1661358	41.532	ng		96
38) 1-Methylnaphthalene	12.498	142	1632994	41.767	ng		100
40) 1,2,4,5-Tetrachloroben...	12.651	216	805792	39.132	ng		98
41) Hexachlorocyclopentadiene	12.628	237	271238	37.067	ng		100
43) 2,4,6-Trichlorophenol	12.898	196	574457	40.670	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.980	196	614657	40.338	ng		97
46) 1,1'-Biphenyl	13.292	154	2222032	39.049	ng		99
47) 2-Chloronaphthalene	13.333	162	1669221	39.005	ng		98
48) 2-Nitroaniline	13.551	65	522570	40.339	ng		92
49) Acenaphthylene	14.180	152	2679179	39.968	ng		100
50) Dimethylphthalate	13.927	163	2180864	40.562	ng		99
51) 2,6-Dinitrotoluene	14.045	165	471788	41.918	ng		88
52) Acenaphthene	14.527	154	1608225	41.187	ng		98
53) 3-Nitroaniline	14.380	138	527887	43.704	ng		96
54) 2,4-Dinitrophenol	14.598	184	276595	42.496	ng		88
55) Dibenzofuran	14.863	168	2588895	41.383	ng		95
56) 4-Nitrophenol	14.710	139	379795	42.671	ng		83
57) 2,4-Dinitrotoluene	14.839	165	651274	45.567	ng		97
58) Fluorene	15.510	166	2064301	42.239	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	531076	43.825	ng		95
60) Diethylphthalate	15.286	149	2236327	42.502	ng		100
61) 4-Chlorophenyl-phenyle...	15.504	204	987055	41.738	ng		99
62) 4-Nitroaniline	15.545	138	567508	48.547	ng		84
63) Azobenzene	15.798	77	2002641	40.184	ng		95
65) 4,6-Dinitro-2-methylph...	15.610	198	414704	43.701	ng		96
66) n-Nitrosodiphenylamine	15.721	169	1849724	41.213	ng		98
67) 4-Bromophenyl-phenylether	16.398	248	622363	40.020	ng		96
68) Hexachlorobenzene	16.521	284	682953	40.169	ng		92
69) Atrazine	16.680	200	586286	43.030	ng		98
70) Pentachlorophenol	16.868	266	401828	44.884	ng		98
71) Phenanthrene	17.251	178	3251680	40.651	ng		100
72) Anthracene	17.339	178	3230036	41.385	ng		99
73) Carbazole	17.615	167	3257417	43.043	ng		98
74) Di-n-butylphthalate	18.180	149	4015776	44.366	ng		99
75) Fluoranthene	19.268	202	3698400	44.524	ng		97
77) Benzidine	19.456	184	1378750	50.735	ng		100
78) Pyrene	19.633	202	3846063	37.066	ng		100
80) Butylbenzylphthalate	20.533	149	1864004	40.554	ng		95
81) Benzo(a)anthracene	21.380	228	3709146	40.275	ng		99
82) 3,3'-Dichlorobenzidine	21.315	252	907539	42.804	ng		99
83) Chrysene	21.433	228	3557734	39.994	ng		99
84) Bis(2-ethylhexyl)phtha...	21.315	149	2725129	41.339	ng	#	98
85) Di-n-octyl phthalate	22.215	149	4699183	43.876	ng		97
87) Indeno(1,2,3-cd)pyrene	26.168	276	3682336	36.103	ng	#	94
88) Benzo(b)fluoranthene	23.027	252	3499524	40.241	ng	#	96
89) Benzo(k)fluoranthene	23.074	252	3611501	41.021	ng	#	96
90) Benzo(a)pyrene	23.639	252	2971953	40.506	ng	#	97
91) Dibenzo(a,h)anthracene	26.174	278	3067660	36.357	ng	#	96
92) Benzo(g,h,i)perylene	26.909	276	2948570	35.132	ng		96

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

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