Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072022\
Data File : BM035874.D
Acq On : 20 Jul 2022 10:05
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jul 20 11:52:49 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	277454	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	1126638	20.000	ng		0.00
39) Acenaphthene-d10	14.533	164	631383	20.000	ng		0.00
64) Phenanthrene-d10	17.268	188	1193887	20.000	ng		0.00
76) Chrysene-d12	21.444	240	1067717	20.000	ng		0.00
86) Perylene-d12	23.815	264	1026848	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	1442010	80.574	ng		0.00
7) Phenol-d6	7.057	99	1872228	83.192	ng		0.00
23) Nitrobenzene-d5	9.063	82	1758727	83.490	ng		0.00
42) 2,4,6-Tribromophenol	16.015	330	568474	80.493	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	3703994	82.923	ng		0.00
79) Terphenyl-d14	19.892	244	4596343	83.757	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	295270	39.915	ng		94
3) Pyridine	3.722	79	816957	41.555	ng		90
4) n-Nitrosodimethylamine	3.640	42	350210	42.625	ng	#	68
6) Aniline	7.222	93	1059753	42.880	ng		95
8) 2-Chlorophenol	7.457	128	758104	40.993	ng		97
9) Benzaldehyde	7.034	77	480491	38.003	ng		96
10) Phenol	7.087	94	946439	41.757	ng		91
11) bis(2-Chloroethyl)ether	7.322	93	759641	41.539	ng		97
12) 1,3-Dichlorobenzene	7.781	146	831327	40.302	ng		98
13) 1,4-Dichlorobenzene	7.928	146	851529	40.544	ng		99
14) 1,2-Dichlorobenzene	8.245	146	821799	40.455	ng		99
15) Benzyl Alcohol	8.139	79	618782	41.729	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.434	45	1001483	42.063	ng		97
17) 2-Methylphenol	8.339	107	613475	41.691	ng		96
18) Hexachloroethane	8.975	117	303874	40.217	ng		92
19) n-Nitroso-di-n-propyla...	8.710	70	559804	42.905	ng		91
20) 3+4-Methylphenols	8.669	107	826458	41.557	ng		96
22) Acetophenone	8.722	105	1158598	41.610	ng	#	94
24) Nitrobenzene	9.104	77	819236	41.406	ng		98
25) Isophorone	9.633	82	1366717	41.475	ng		98
26) 2-Nitrophenol	9.816	139	351888	39.482	ng		94
27) 2,4-Dimethylphenol	9.875	122	583045	41.472	ng		97
28) bis(2-Chloroethoxy)met...	10.116	93	952013	41.507	ng		99
29) 2,4-Dichlorophenol	10.345	162	640423	41.085	ng		99
30) 1,2,4-Trichlorobenzene	10.563	180	723222	40.203	ng		99
31) Naphthalene	10.751	128	2361794	41.259	ng		99
32) Benzoic acid	10.004	122	396467	37.288	ng		96
33) 4-Chloroaniline	10.863	127	969368	42.330	ng		97
34) Hexachlorobutadiene	11.033	225	409041	39.618	ng		98
35) Caprolactam	11.651	113	189676	39.789	ng		93
36) 4-Chloro-3-methylphenol	11.986	107	666462	41.696	ng		100
37) 2-Methylnaphthalene	12.363	142	1553776	41.725	ng		98
38) 1-Methylnaphthalene	12.580	142	1522693	42.009	ng		98
40) 1,2,4,5-Tetrachloroben...	12.727	216	724969	40.189	ng		99
41) Hexachlorocyclopentadiene	12.704	237	382151	39.305	ng		98
43) 2,4,6-Trichlorophenol	12.969	196	483390	40.540	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	514165	40.897	ng	98
46) 1,1'-Biphenyl	13.369	154	1980932	41.244	ng	98
47) 2-Chloronaphthalene	13.410	162	1513100	40.987	ng	99
48) 2-Nitroaniline	13.616	65	423930	41.674	ng	94
49) Acenaphthylene	14.257	152	2374671	41.776	ng	100
50) Dimethylphthalate	13.998	163	1688121	40.620	ng	99
51) 2,6-Dinitrotoluene	14.110	165	357408	41.128	ng	97
52) Acenaphthene	14.598	154	1409504	41.393	ng	100
53) 3-Nitroaniline	14.439	138	435435	41.617	ng	97
54) 2,4-Dinitrophenol	14.639	184	161909	37.811	ng	91
55) Dibenzofuran	14.927	168	2273521	41.673	ng	98
56) 4-Nitrophenol	14.739	139	331725	40.408	ng	90
57) 2,4-Dinitrotoluene	14.892	165	468804	41.222	ng	96
58) Fluorene	15.574	166	1791363	41.819	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	414141	40.981	ng	99
60) Diethylphthalate	15.357	149	1657542	40.251	ng	99
61) 4-Chlorophenyl-phenyle...	15.574	204	857220	41.130	ng	96
62) 4-Nitroaniline	15.598	138	452636	42.250	ng	92
63) Azobenzene	15.862	77	1793605	42.419	ng	93
65) 4,6-Dinitro-2-methylph...	15.651	198	228071	38.042	ng	95
66) n-Nitrosodiphenylamine	15.786	169	1453529	41.462	ng	99
67) 4-Bromophenyl-phenylether	16.462	248	490639	40.881	ng	97
68) Hexachlorobenzene	16.568	284	571971	41.054	ng	95
69) Atrazine	16.739	200	385770	41.876	ng	98
70) Pentachlorophenol	16.915	266	315967	40.870	ng	99
71) Phenanthrene	17.309	178	2572664	40.962	ng	99
72) Anthracene	17.404	178	2540497	41.615	ng	99
73) Carbazole	17.674	167	2560899	41.354	ng	99
74) Di-n-butylphthalate	18.245	149	2478193	39.305	ng	99
75) Fluoranthene	19.321	202	2768402	40.553	ng	98
77) Benzidine	19.509	184	872755	46.557	ng	99
78) Pyrene	19.686	202	2897607	41.505	ng	99
80) Butylbenzylphthalate	20.592	149	941478	37.778	ng	99
81) Benzo(a)anthracene	21.427	228	2739613	40.533	ng	99
82) 3,3'-Dichlorobenzidine	21.368	252	619169	39.108	ng	99
83) Chrysene	21.480	228	2617265	40.581	ng	99
84) Bis(2-ethylhexyl)phtha...	21.368	149	1325363	37.731	ng	100
85) Di-n-octyl phthalate	22.291	149	2036028	36.536	ng	97
87) Indeno(1,2,3-cd)pyrene	26.291	276	3050271	40.656	ng	98
88) Benzo(b)fluoranthene	23.097	252	2532362	41.430	ng	99
89) Benzo(k)fluoranthene	23.144	252	2585735	40.878	ng	99
90) Benzo(a)pyrene	23.715	252	2125042	40.845	ng	99
91) Dibenzo(a,h)anthracene	26.315	278	2537718	40.703	ng	99
92) Benzo(g,h,i)perylene	27.056	276	2505449	40.749	ng	98

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

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