Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072222\
Data File : BM035907.D
Acq On : 22 Jul 2022 15:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 22 18:16:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 22 14:25:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.892	152	459341	20.000	ng		0.00
21) Naphthalene-d8	10.698	136	1804368	20.000	ng		0.00
39) Acenaphthene-d10	14.527	164	965361	20.000	ng		0.00
64) Phenanthrene-d10	17.262	188	1700884	20.000	ng		0.00
76) Chrysene-d12	21.439	240	1425125	20.000	ng		0.00
86) Perylene-d12	23.809	264	1404622	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	2436908	82.247	ng		0.00
7) Phenol-d6	7.057	99	3069562	82.386	ng		0.00
23) Nitrobenzene-d5	9.063	82	2802795	83.078	ng		0.00
42) 2,4,6-Tribromophenol	16.009	330	875604	81.089	ng		0.00
45) 2-Fluorobiphenyl	13.157	172	5700882	83.474	ng		0.00
79) Terphenyl-d14	19.886	244	6356721	86.785	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	487478	39.804	ng		93
3) Pyridine	3.722	79	1327991	40.801	ng		90
4) n-Nitrosodimethylamine	3.640	42	565079	41.543	ng	#	63
6) Aniline	7.222	93	1693062	41.379	ng		95
8) 2-Chlorophenol	7.451	128	1255845	41.018	ng		98
9) Benzaldehyde	7.028	77	798752	38.159	ng		96
10) Phenol	7.087	94	1539918	41.039	ng		91
11) bis(2-Chloroethyl)ether	7.322	93	1262372	41.695	ng		96
12) 1,3-Dichlorobenzene	7.775	146	1385805	40.580	ng		98
13) 1,4-Dichlorobenzene	7.928	146	1404924	40.405	ng		99
14) 1,2-Dichlorobenzene	8.245	146	1346334	40.033	ng		99
15) Benzyl Alcohol	8.139	79	1027291	41.846	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.428	45	1667066	42.293	ng		97
17) 2-Methylphenol	8.339	107	994107	40.807	ng		95
18) Hexachloroethane	8.969	117	514471	41.128	ng		93
19) n-Nitroso-di-n-propyla...	8.710	70	906532	41.968	ng		89
20) 3+4-Methylphenols	8.669	107	1350205	41.009	ng		97
22) Acetophenone	8.722	105	1832073	41.084	ng	#	93
24) Nitrobenzene	9.104	77	1302217	41.096	ng		96
25) Isophorone	9.628	82	2217509	42.017	ng		99
26) 2-Nitrophenol	9.810	139	617002	43.226	ng		93
27) 2,4-Dimethylphenol	9.875	122	946111	42.020	ng		97
28) bis(2-Chloroethoxy)met...	10.116	93	1555364	42.342	ng		100
29) 2,4-Dichlorophenol	10.345	162	1041075	41.702	ng		99
30) 1,2,4-Trichlorobenzene	10.557	180	1178498	40.905	ng		98
31) Naphthalene	10.745	128	3742094	40.818	ng		99
32) Benzoic acid	10.028	122	748233	43.939	ng		93
33) 4-Chloroaniline	10.863	127	1483137	40.439	ng		96
34) Hexachlorobutadiene	11.027	225	687588	41.583	ng		98
35) Caprolactam	11.657	113	296640	38.854	ng		97
36) 4-Chloro-3-methylphenol	11.986	107	1053500	41.154	ng		99
37) 2-Methylnaphthalene	12.357	142	2445980	41.013	ng		98
38) 1-Methylnaphthalene	12.574	142	2367563	40.784	ng		100
40) 1,2,4,5-Tetrachloroben...	12.721	216	1156566	41.934	ng		99
41) Hexachlorocyclopentadiene	12.698	237	662512	44.566	ng		99
43) 2,4,6-Trichlorophenol	12.963	196	780191	42.795	ng		99

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44) 2,4,5-Trichlorophenol	13.033	196	802883	41.768	ng	98
46) 1,1'-Biphenyl	13.368	154	3071579	41.827	ng	99
47) 2-Chloronaphthalene	13.404	162	2328389	41.251	ng	98
48) 2-Nitroaniline	13.616	65	650065	41.796	ng	92
49) Acenaphthylene	14.251	152	3572443	41.104	ng	100
50) Dimethylphthalate	13.992	163	2587576	40.722	ng	99
51) 2,6-Dinitrotoluene	14.110	165	539486	40.603	ng	94
52) Acenaphthene	14.592	154	2135757	41.022	ng	99
53) 3-Nitroaniline	14.439	138	643075	40.199	ng	92
54) 2,4-Dinitrophenol	14.639	184	275003	42.003	ng	90
55) Dibenzofuran	14.921	168	3369206	40.391	ng	98
56) 4-Nitrophenol	14.739	139	492953	39.274	ng	85
57) 2,4-Dinitrotoluene	14.892	165	704620	40.523	ng	98
58) Fluorene	15.568	166	2620912	40.018	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.145	232	634820	41.085	ng	98
60) Diethylphthalate	15.351	149	2545668	40.432	ng	99
61) 4-Chlorophenyl-phenyle...	15.568	204	1303375	40.902	ng	97
62) 4-Nitroaniline	15.598	138	637103	38.894	ng	91
63) Azobenzene	15.857	77	2646635	40.938	ng	93
65) 4,6-Dinitro-2-methylph...	15.645	198	371674	43.516	ng	93
66) n-Nitrosodiphenylamine	15.780	169	2138185	42.811	ng	99
67) 4-Bromophenyl-phenylether	16.462	248	743626	43.491	ng	94
68) Hexachlorobenzene	16.568	284	841029	42.372	ng	92
69) Atrazine	16.733	200	573798	43.721	ng	99
70) Pentachlorophenol	16.909	266	493498	44.806	ng	99
71) Phenanthrene	17.309	178	3666568	40.978	ng	99
72) Anthracene	17.398	178	3592633	41.308	ng	99
73) Carbazole	17.668	167	3521730	39.918	ng	99
74) Di-n-butylphthalate	18.239	149	3943464	43.901	ng	99
75) Fluoranthene	19.315	202	3848706	39.573	ng	98
77) Benzidine	19.509	184	1097624	43.868	ng	99
78) Pyrene	19.680	202	3943615	42.321	ng	98
80) Butylbenzylphthalate	20.586	149	1553711	46.709	ng	97
81) Benzo(a)anthracene	21.427	228	3701010	41.025	ng	99
82) 3,3'-Dichlorobenzidine	21.362	252	907712	42.955	ng	99
83) Chrysene	21.480	228	3521608	40.909	ng	100
84) Bis(2-ethylhexyl)phtha...	21.362	149	2218104	47.309	ng	98
85) Di-n-octyl phthalate	22.280	149	3515858	47.268	ng	97
87) Indeno(1,2,3-cd)pyrene	26.285	276	4174756	40.678	ng	98
88) Benzo(b)fluoranthene	23.091	252	3502881	41.895	ng	99
89) Benzo(k)fluoranthene	23.138	252	3463499	40.028	ng	99
90) Benzo(a)pyrene	23.703	252	2917396	40.993	ng	98
91) Dibenzo(a,h)anthracene	26.303	278	3504516	41.092	ng	99
92) Benzo(g,h,i)perylene	27.044	276	3394650	40.362	ng	99

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

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