Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082321\
Data File : BM031865.D
Acq On : 23 Aug 2021 10:34
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Aug 23 15:54:20 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 15:51:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	42349	20.000	ng	0.00
21) Naphthalene-d8	10.292	136	179031	20.000	ng	0.00
39) Acenaphthene-d10	14.169	164	116730	20.000	ng	0.00
64) Phenanthrene-d10	16.927	188	243688	20.000	ng	0.00
76) Chrysene-d12	21.133	240	239490	20.000	ng	0.00
86) Perylene-d12	23.280	264	218251	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.169	112	215226	74.764	ng	0.00
7) Phenol-d6	6.728	99	295079	76.315	ng	0.00
23) Nitrobenzene-d5	8.687	82	334164	76.006	ng	0.00
42) 2,4,6-Tribromophenol	15.674	330	102245	79.490	ng	0.00
45) 2-Fluorobiphenyl	12.780	172	677552	74.682	ng	0.00
79) Terphenyl-d14	19.574	244	1134225	71.251	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	32560	34.827	ng	99
3) Pyridine	3.558	79	109448	38.841	ng	98
4) n-Nitrosodimethylamine	3.475	42	44053	35.819	ng	97
6) Aniline	6.881	93	159895	38.855	ng	96
8) 2-Chlorophenol	7.104	128	118332	38.336	ng	95
9) Benzaldehyde	6.698	77	93606	41.863	ng	98
10) Phenol	6.757	94	146535	37.934	ng	98
11) bis(2-Chloroethyl)ether	6.981	93	110449	37.796	ng	99
12) 1,3-Dichlorobenzene	7.416	146	123648	37.019	ng	98
13) 1,4-Dichlorobenzene	7.563	146	125970	37.136	ng	98
14) 1,2-Dichlorobenzene	7.875	146	124310	37.628	ng	98
15) Benzyl Alcohol	7.781	79	122805	38.646	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.063	45	159551	36.535	ng	98
17) 2-Methylphenol	7.981	107	101276	38.944	ng	98
18) Hexachloroethane	8.581	117	53092	36.757	ng	97
19) n-Nitroso-di-n-propyla...	8.340	70	111624	38.350	ng	97
20) 3+4-Methylphenols	8.310	107	139206	38.385	ng	99
22) Acetophenone	8.351	105	196821	37.702	ng	100
24) Nitrobenzene	8.728	77	170118	37.776	ng	97
25) Isophorone	9.251	82	300552	38.101	ng	99
26) 2-Nitrophenol	9.422	139	67320	39.609	ng	94
27) 2,4-Dimethylphenol	9.492	122	101159	38.665	ng	98
28) bis(2-Chloroethoxy)met...	9.728	93	144101	37.582	ng	99
29) 2,4-Dichlorophenol	9.951	162	113523	38.289	ng	98
30) 1,2,4-Trichlorobenzene	10.157	180	119546	37.975	ng	97
31) Naphthalene	10.339	128	384125	37.416	ng	99
32) Benzoic acid	9.675	122	84785	38.233	ng	94
33) 4-Chloroaniline	10.463	127	159953	39.241	ng	98
34) Hexachlorobutadiene	10.616	225	75240	38.240	ng	98
35) Caprolactam	11.286	113	40119	42.761	ng	95
36) 4-Chloro-3-methylphenol	11.604	107	134392	38.177	ng	98
37) 2-Methylnaphthalene	11.957	142	280775	37.938	ng	98
38) 1-Methylnaphthalene	12.180	142	266360	38.230	ng	97
40) 1,2,4,5-Tetrachloroben...	12.333	216	128068	38.176	ng	99
41) Hexachlorocyclopentadiene	12.304	237	60810	37.377	ng	97
43) 2,4,6-Trichlorophenol	12.592	196	94992	38.355	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.663	196	101914	38.576	ng	100
46) 1,1'-Biphenyl	12.998	154	352122	37.398	ng	98
47) 2-Chloronaphthalene	13.033	162	273484	37.403	ng	98
48) 2-Nitroaniline	13.257	65	102019	40.095	ng	96
49) Acenaphthylene	13.886	152	449163	37.868	ng	99
50) Dimethylphthalate	13.651	163	365220	38.516	ng	100
51) 2,6-Dinitrotoluene	13.769	165	80957	39.133	ng	90
52) Acenaphthene	14.233	154	268734	37.661	ng	100
53) 3-Nitroaniline	14.104	138	84092	41.524	ng	95
54) 2,4-Dinitrophenol	14.316	184	48947	42.369	ng	86
55) Dibenzofuran	14.574	168	445800	37.736	ng	99
56) 4-Nitrophenol	14.427	139	68909	41.317	ng	98
57) 2,4-Dinitrotoluene	14.569	165	116763	40.546	ng	98
58) Fluorene	15.227	166	368131	38.038	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.810	232	86326	38.167	ng	98
60) Diethylphthalate	15.021	149	395632	38.317	ng	98
61) 4-Chlorophenyl-phenyle...	15.227	204	176886	38.139	ng	99
62) 4-Nitroaniline	15.274	138	82868	43.017	ng	95
63) Azobenzene	15.521	77	448453	37.673	ng	100
65) 4,6-Dinitro-2-methylph...	15.333	198	69330	40.845	ng	97
66) n-Nitrosodiphenylamine	15.451	169	307327	37.351	ng	97
67) 4-Bromophenyl-phenylether	16.127	248	99179	37.471	ng	99
68) Hexachlorobenzene	16.227	284	105905	37.810	ng	98
69) Atrazine	16.415	200	110735	40.258	ng	97
70) Pentachlorophenol	16.580	266	71847	39.217	ng	99
71) Phenanthrene	16.968	178	563059	38.364	ng	99
72) Anthracene	17.063	178	555121	38.447	ng	99
73) Carbazole	17.339	167	546725	39.367	ng	100
74) Di-n-butylphthalate	17.910	149	722643	39.059	ng	100
75) Fluoranthene	18.992	202	662332	40.599	ng	99
77) Benzidine	19.198	184	299281	48.869	ng	97
78) Pyrene	19.356	202	679578	35.413	ng	100
80) Butylbenzylphthalate	20.280	149	347675	36.751	ng	99
81) Benzo(a)anthracene	21.115	228	663977	37.817	ng	99
82) 3,3'-Dichlorobenzidine	21.062	252	212694	40.922	ng	97
83) Chrysene	21.168	228	646189	38.241	ng	99
84) Bis(2-ethylhexyl)phtha...	21.062	149	565640	38.423	ng	98
85) Di-n-octyl phthalate	21.921	149	906854	38.502	ng	98
87) Indeno(1,2,3-cd)pyrene	25.409	276	590189	34.834	ng	100
88) Benzo(b)fluoranthene	22.645	252	641803	39.926	ng	99
89) Benzo(k)fluoranthene	22.692	252	589578	38.111	ng	99
90) Benzo(a)pyrene	23.192	252	552789	38.303	ng	99
91) Dibenzo(a,h)anthracene	25.415	278	517128	34.960	ng	97
92) Benzo(g,h,i)perylene	26.056	276	461312	33.506	ng	98

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

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