Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081122\
Data File : BM036206.D
Acq On : 11 Aug 2022 13:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Sohil Jodhani 08/16/2022

Quant Time: Aug 12 02:11:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 22:19:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	260325	20.000	ng		0.00
21) Naphthalene-d8	10.633	136	1102116	20.000	ng		0.00
39) Acenaphthene-d10	14.469	164	631662	20.000	ng		0.00
64) Phenanthrene-d10	17.215	188	1221708	20.000	ng		0.00
76) Chrysene-d12	21.397	240	1231979	20.000	ng		0.00
86) Perylene-d12	23.739	264	1338366	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	1418392	88.335	ng		-0.01
7) Phenol-d6	7.028	99	1872206	91.634	ng		0.00
23) Nitrobenzene-d5	8.998	82	1693339	86.005	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	581384	78.457	ng		0.00
45) 2-Fluorobiphenyl	13.098	172	3398563	79.439	ng		0.00
79) Terphenyl-d14	19.839	244	4481971	71.758	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	305824	47.266	ng	#	91
3) Pyridine	3.675	79	782221m	45.084	ng		
4) n-Nitrosodimethylamine	3.587	42	323238	45.336	ng	#	66
6) Aniline	7.163	93	1032250	45.624	ng		95
8) 2-Chlorophenol	7.398	128	750974	43.865	ng		96
9) Benzaldehyde	6.969	77	443821	41.032	ng		94
10) Phenol	7.051	94	936882	45.541	ng		92
11) bis(2-Chloroethyl)ether	7.263	93	706693	41.701	ng		95
12) 1,3-Dichlorobenzene	7.710	146	803629	42.360	ng		98
13) 1,4-Dichlorobenzene	7.863	146	821054	42.438	ng		98
14) 1,2-Dichlorobenzene	8.181	146	802967	43.014	ng		98
15) Benzyl Alcohol	8.081	79	616387	44.957	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.369	45	907920	40.291	ng		96
17) 2-Methylphenol	8.298	107	612086	44.947	ng		95
18) Hexachloroethane	8.904	117	288954	41.489	ng		96
19) n-Nitroso-di-n-propyla...	8.645	70	519888	41.891	ng		89
20) 3+4-Methylphenols	8.628	107	832299	44.985	ng		96
22) Acetophenone	8.663	105	1096303	42.021	ng	#	92
24) Nitrobenzene	9.039	77	795733	42.991	ng		98
25) Isophorone	9.569	82	1300666	40.608	ng		99
26) 2-Nitrophenol	9.751	139	395352	45.286	ng		91
27) 2,4-Dimethylphenol	9.828	122	577726	42.719	ng		98
28) bis(2-Chloroethoxy)met...	10.051	93	880598	38.590	ng		99
29) 2,4-Dichlorophenol	10.292	162	641835	42.203	ng		100
30) 1,2,4-Trichlorobenzene	10.492	180	688898	39.972	ng		98
31) Naphthalene	10.681	128	2260451	41.253	ng		99
32) Benzoic acid	9.998	122	489113	45.625	ng		94
33) 4-Chloroaniline	10.804	127	924717	41.875	ng		95
34) Hexachlorobutadiene	10.957	225	384722	37.988	ng		98
35) Caprolactam	11.616	113	207855	44.371	ng		91
36) 4-Chloro-3-methylphenol	11.951	107	681743	42.648	ng		99
37) 2-Methylnaphthalene	12.292	142	1468449	40.272	ng		97
38) 1-Methylnaphthalene	12.516	142	1433767	40.153	ng		99
40) 1,2,4,5-Tetrachloroben...	12.663	216	682965	39.881	ng		98
41) Hexachlorocyclopentadiene	12.633	237	434732	47.931	ng		98
43) 2,4,6-Trichlorophenol	12.916	196	488392	41.912	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	517176	42.044	ng	98
46) 1,1'-Biphenyl	13.310	154	1856309	40.325	ng	98
47) 2-Chloronaphthalene	13.351	162	1442884	40.953	ng	100
48) 2-Nitroaniline	13.569	65	439560	45.780	ng	91
49) Acenaphthylene	14.192	152	2275188	41.776	ng	99
50) Dimethylphthalate	13.939	163	1649434	38.399	ng	99
51) 2,6-Dinitrotoluene	14.063	165	361890	41.989	ng	91
52) Acenaphthene	14.533	154	1474834m	41.398	ng	
53) 3-Nitroaniline	14.398	138	447394	44.493	ng	95
54) 2,4-Dinitrophenol	14.604	184	222354	48.754	ng	87
55) Dibenzofuran	14.868	168	2152777	40.352	ng	98
56) 4-Nitrophenol	14.727	139	386770	48.065	ng	88
57) 2,4-Dinitrotoluene	14.845	165	488828	43.272	ng	98
58) Fluorene	15.516	166	1665449	39.575	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	415784	39.902	ng	97
60) Diethylphthalate	15.298	149	1617917	36.651	ng	100
61) 4-Chlorophenyl-phenyle...	15.516	204	782107	37.271	ng	96
62) 4-Nitroaniline	15.557	138	475975m	46.012	ng	
63) Azobenzene	15.804	77	1638364	39.041	ng	93
65) 4,6-Dinitro-2-methylph...	15.610	198	289380	46.325	ng	94
66) n-Nitrosodiphenylamine	15.733	169	1405270	40.746	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	458634	37.531	ng	95
68) Hexachlorobenzene	16.515	284	543701	38.777	ng	92
69) Atrazine	16.686	200	387406	40.144	ng	98
70) Pentachlorophenol	16.868	266	351051	42.749	ng	99
71) Phenanthrene	17.257	178	2547973	40.937	ng	99
72) Anthracene	17.345	178	2483636	41.216	ng	99
73) Carbazole	17.627	167	2614486	42.821	ng	99
74) Di-n-butylphthalate	18.186	149	2567464	35.227	ng	99
75) Fluoranthene	19.274	202	2879084	41.323	ng	99
77) Benzidine	19.468	184	1079219	58.412	ng	99
78) Pyrene	19.633	202	3020792	39.542	ng	99
80) Butylbenzylphthalate	20.539	149	1202616	36.474	ng	96
81) Benzo(a)anthracene	21.380	228	3046714	40.150	ng	99
82) 3,3'-Dichlorobenzidine	21.321	252	813482	44.150	ng	99
83) Chrysene	21.433	228	2911178	40.358	ng	100
84) Bis(2-ethylhexyl)phtha...	21.309	149	1598674	32.138	ng	100
85) Di-n-octyl phthalate	22.215	149	2793559	34.411	ng	95
87) Indeno(1,2,3-cd)pyrene	26.185	276	3950985	42.008	ng	98
88) Benzo(b)fluoranthene	23.027	252	3091986	39.432	ng	99
89) Benzo(k)fluoranthene	23.074	252	3085767	38.962	ng	99
90) Benzo(a)pyrene	23.639	252	2670372	40.589	ng	98
91) Dibenzo(a,h)anthracene	26.197	278	3282018	41.688	ng	99
92) Benzo(g,h,i)perylene	26.932	276	3270352	42.909	ng	97

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

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