Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071822\
Data File : BM035852.D
Acq On : 18 Jul 2022 13:16
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Quant Time: Jul 18 15:13:24 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 15:11:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	311977	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	1278468	20.000	ng		0.00
39) Acenaphthene-d10	14.533	164	706599	20.000	ng		0.00
64) Phenanthrene-d10	17.274	188	1359350	20.000	ng		0.00
76) Chrysene-d12	21.445	240	1233273	20.000	ng		0.00
86) Perylene-d12	23.827	264	1237153	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	394169	20.522	ng		0.00
7) Phenol-d6	7.057	99	489379	20.369	ng		0.00
23) Nitrobenzene-d5	9.063	82	448052	20.035	ng		0.00
42) 2,4,6-Tribromophenol	16.015	330	142202	19.817	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	958943	18.927	ng		0.00
79) Terphenyl-d14	19.892	244	1210560	19.054	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	83590	10.318	ng		94
3) Pyridine	3.728	79	216689	10.305	ng		89
4) n-Nitrosodimethylamine	3.640	42	90410	9.769	ng	#	58
6) Aniline	7.222	93	270900	10.090	ng		96
8) 2-Chlorophenol	7.457	128	205076	10.255	ng		97
9) Benzaldehyde	7.034	77	153490	11.705	ng		94
10) Phenol	7.087	94	248948	10.291	ng		90
11) bis(2-Chloroethyl)ether	7.322	93	204867	10.271	ng		97
12) 1,3-Dichlorobenzene	7.787	146	230185	10.040	ng		98
13) 1,4-Dichlorobenzene	7.934	146	234862	10.058	ng		97
14) 1,2-Dichlorobenzene	8.251	146	229973	10.206	ng		98
15) Benzyl Alcohol	8.139	79	159813	10.344	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.434	45	267202	10.378	ng		96
17) 2-Methylphenol	8.345	107	161500	10.355	ng		94
18) Hexachloroethane	8.981	117	84218	10.249	ng		94
19) n-Nitroso-di-n-propyla...	8.710	70	140837	10.208	ng		90
20) 3+4-Methylphenols	8.669	107	216379	10.366	ng		95
22) Acetophenone	8.728	105	300613	9.740	ng	#	93
24) Nitrobenzene	9.104	77	215181	10.211	ng		99
25) Isophorone	9.634	82	346166	9.773	ng		98
26) 2-Nitrophenol	9.822	139	86206	11.141	ng		91
27) 2,4-Dimethylphenol	9.881	122	148808	9.792	ng		99
28) bis(2-Chloroethoxy)met...	10.122	93	248061	9.933	ng		99
29) 2,4-Dichlorophenol	10.351	162	162106	9.743	ng		99
30) 1,2,4-Trichlorobenzene	10.569	180	192463	9.360	ng		98
31) Naphthalene	10.757	128	628139	9.729	ng		100
32) Benzoic acid	9.957	122	97739	10.969	ng		92
33) 4-Chloroaniline	10.869	127	246715	9.664	ng		95
34) Hexachlorobutadiene	11.039	225	111594	9.410	ng		98
35) Caprolactam	11.628	113	47005	10.109	ng		97
36) 4-Chloro-3-methylphenol	11.986	107	165216	9.820	ng		99
37) 2-Methylnaphthalene	12.363	142	401521	9.455	ng		97
38) 1-Methylnaphthalene	12.580	142	391328	9.459	ng		100
40) 1,2,4,5-Tetrachloroben...	12.727	216	190116	9.294	ng		99
41) Hexachlorocyclopentadiene	12.710	237	96647	9.059	ng		99
43) 2,4,6-Trichlorophenol	12.969	196	121549	10.199	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.039	196	129348	10.118	ng	95
46) 1,1'-Biphenyl	13.374	154	515074	9.598	ng	98
47) 2-Chloronaphthalene	13.410	162	394759	9.608	ng	98
48) 2-Nitroaniline	13.616	65	100708	10.715	ng	97
49) Acenaphthylene	14.257	152	598081	9.630	ng	99
50) Dimethylphthalate	13.998	163	437682	9.611	ng	98
51) 2,6-Dinitrotoluene	14.110	165	87029	9.672	ng	96
52) Acenaphthene	14.598	154	361389	9.534	ng	99
53) 3-Nitroaniline	14.439	138	104312	9.827	ng	99
54) 2,4-Dinitrophenol	14.639	184	34554	10.092	ng	94
55) Dibenzofuran	14.927	168	590341	9.631	ng	97
56) 4-Nitrophenol	14.739	139	79184	9.600	ng	92
57) 2,4-Dinitrotoluene	14.892	165	110424	9.690	ng	97
58) Fluorene	15.574	166	452532	9.305	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.151	232	102823	9.756	ng	97
60) Diethylphthalate	15.357	149	430959	9.618	ng	100
61) 4-Chlorophenyl-phenyle...	15.574	204	220610	9.137	ng	97
62) 4-Nitroaniline	15.592	138	105168	9.610	ng	94
63) Azobenzene	15.868	77	443599	9.553	ng	94
65) 4,6-Dinitro-2-methylph...	15.645	198	50831	9.934	ng	93
66) n-Nitrosodiphenylamine	15.786	169	371552	9.559	ng	99
67) 4-Bromophenyl-phenylether	16.468	248	126030	9.362	ng	96
68) Hexachlorobenzene	16.574	284	147793	9.295	ng	92
69) Atrazine	16.739	200	104033	10.358	ng	97
70) Pentachlorophenol	16.915	266	74536	9.074	ng	96
71) Phenanthrene	17.315	178	683261	9.568	ng	99
72) Anthracene	17.404	178	649760	9.458	ng	100
73) Carbazole	17.674	167	662031	9.579	ng	99
74) Di-n-butylphthalate	18.251	149	637514	9.481	ng	99
75) Fluoranthene	19.327	202	716451	8.971	ng	99
77) Benzidine	19.515	184	241956	14.014	ng	99
78) Pyrene	19.686	202	767329	9.908	ng	99
80) Butylbenzylphthalate	20.592	149	251143	10.652	ng	98
81) Benzo(a)anthracene	21.433	228	732219	9.464	ng	98
82) 3,3'-Dichlorobenzidine	21.368	252	168162	10.722	ng	99
83) Chrysene	21.486	228	716345	9.590	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	357226	9.744	ng	100
85) Di-n-octyl phthalate	22.292	149	568570	9.420	ng	98
87) Indeno(1,2,3-cd)pyrene	26.297	276	818563	9.086	ng	99
88) Benzo(b)fluoranthene	23.097	252	670712	8.976	ng	98
89) Benzo(k)fluoranthene	23.144	252	723303	9.255	ng	98
90) Benzo(a)pyrene	23.715	252	574121	9.183	ng	99
91) Dibenzo(a,h)anthracene	26.321	278	685309	9.170	ng	99
92) Benzo(g,h,i)perylene	27.056	276	677646	9.190	ng	99

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

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