Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022222\
Data File : BM034043.D
Acq On : 22 Feb 2022 17:28
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM022222

Quant Time: Feb 23 05:14:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 22 17:55:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.019	152	250796	20.000	ng		0.00
21) Naphthalene-d8	10.836	136	1044115	20.000	ng	#	0.00
39) Acenaphthene-d10	14.654	164	716056	20.000	ng		0.00
64) Phenanthrene-d10	17.395	188	1372403	20.000	ng	#	0.00
76) Chrysene-d12	21.565	240	1145672	20.000	ng		0.00
86) Perylene-d12	24.024	264	1083045	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.566	112	1110234	78.914	ng		0.00
7) Phenol-d6	7.172	99	1515722	82.044	ng		0.00
23) Nitrobenzene-d5	9.184	82	1554393	80.339	ng		0.00
42) 2,4,6-Tribromophenol	16.136	330	689154	79.299	ng		0.00
45) 2-Fluorobiphenyl	13.289	172	4287314	79.770	ng		0.00
79) Terphenyl-d14	20.012	244	5439128	82.671	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.431	88	203663	37.652	ng		87
3) Pyridine	3.837	79	591830	38.946	ng		89
4) n-Nitrosodimethylamine	3.743	42	294025	38.681	ng	#	75
6) Aniline	7.337	93	834463	40.877	ng		92
8) 2-Chlorophenol	7.584	128	639495	40.630	ng		84
9) Benzaldehyde	7.148	77	386309	37.248	ng		86
10) Phenol	7.196	94	743655	40.924	ng		91
11) bis(2-Chloroethyl)ether	7.437	93	592097	40.836	ng		90
12) 1,3-Dichlorobenzene	7.913	146	732098	39.570	ng	#	93
13) 1,4-Dichlorobenzene	8.054	146	752214	39.778	ng		94
14) 1,2-Dichlorobenzene	8.378	146	738289	40.002	ng		94
15) Benzyl Alcohol	8.254	79	603611	42.371	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.560	45	772274	40.058	ng		96
17) 2-Methylphenol	8.460	107	535181	41.813	ng		94
18) Hexachloroethane	9.119	117	261672	40.432	ng	#	88
19) n-Nitroso-di-n-propyla...	8.837	70	512550	42.923	ng	#	91
20) 3+4-Methylphenols	8.790	107	739534	41.845	ng		93
22) Acetophenone	8.842	105	994734	39.442	ng	#	92
24) Nitrobenzene	9.225	77	717352	39.826	ng	#	90
25) Isophorone	9.760	82	1283732	41.105	ng	#	94
26) 2-Nitrophenol	9.942	139	360963	42.532	ng	#	77
27) 2,4-Dimethylphenol	10.001	122	556184	40.563	ng		91
28) bis(2-Chloroethoxy)met...	10.242	93	852704	40.379	ng		98
29) 2,4-Dichlorophenol	10.478	162	686372	40.486	ng		96
30) 1,2,4-Trichlorobenzene	10.701	180	781190	39.251	ng		98
31) Naphthalene	10.889	128	2114671	39.421	ng		99
32) Benzoic acid	10.131	122	458043	44.109	ng	#	86
33) 4-Chloroaniline	10.989	127	887064	40.387	ng	#	89
34) Hexachlorobutadiene	11.189	225	498897	39.452	ng		97
35) Caprolactam	11.766	113	154479	45.203	ng	#	64
36) 4-Chloro-3-methylphenol	12.107	107	686913	41.150	ng	#	85
37) 2-Methylnaphthalene	12.495	142	1580010	40.371	ng		96
38) 1-Methylnaphthalene	12.713	142	1545467	40.500	ng		98
40) 1,2,4,5-Tetrachloroben...	12.860	216	910409	39.768	ng	#	97
41) Hexachlorocyclopentadiene	12.848	237	545914	40.822	ng		99
43) 2,4,6-Trichlorophenol	13.089	196	598965	41.374	ng		96

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44) 2,4,5-Trichlorophenol	13.160	196	610561	41.516	ng	#	92
46) 1,1'-Biphenyl	13.495	154	2164192	39.558	ng		97
47) 2-Chloronaphthalene	13.536	162	1690962	39.583	ng		95
48) 2-Nitroaniline	13.724	65	432090	42.590	ng	#	79
49) Acenaphthylene	14.377	152	2538570	39.651	ng		99
50) Dimethylphthalate	14.113	163	2116335	39.865	ng		99
51) 2,6-Dinitrotoluene	14.224	165	435097	41.419	ng	#	79
52) Acenaphthene	14.719	154	1691535	39.985	ng		99
53) 3-Nitroaniline	14.548	138	431464	41.064	ng		81
54) 2,4-Dinitrophenol	14.748	184	216017	39.297	ng	#	81
55) Dibenzofuran	15.054	168	2594719	39.267	ng		97
56) 4-Nitrophenol	14.842	139	347457	40.912	ng	#	79
57) 2,4-Dinitrotoluene	15.007	165	566549	41.474	ng	#	73
58) Fluorene	15.701	166	2101611	39.564	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.271	232	586512	40.715	ng	#	90
60) Diethylphthalate	15.477	149	2065997	38.919	ng		98
61) 4-Chlorophenyl-phenyle...	15.695	204	1133763	39.856	ng		93
62) 4-Nitroaniline	15.707	138	439870	40.339	ng	#	82
63) Azobenzene	15.989	77	1810684	39.266	ng		91
65) 4,6-Dinitro-2-methylph...	15.766	198	340745	42.359	ng	#	73
66) n-Nitrosodiphenylamine	15.907	169	1782755	41.492	ng		98
67) 4-Bromophenyl-phenylether	16.589	248	637419	41.114	ng		92
68) Hexachlorobenzene	16.707	284	729154	40.818	ng	#	90
69) Atrazine	16.854	200	593689	41.771	ng		96
70) Pentachlorophenol	17.042	266	452886	41.966	ng		99
71) Phenanthrene	17.436	178	3044636	39.994	ng		99
72) Anthracene	17.530	178	2998125	40.470	ng		99
73) Carbazole	17.789	167	2717262	38.955	ng		98
74) Di-n-butylphthalate	18.365	149	3185963	40.151	ng		99
75) Fluoranthene	19.448	202	3174660	37.958	ng		97
77) Benzidine	19.618	184	911517	42.722	ng		100
78) Pyrene	19.806	202	3211940	40.822	ng		99
80) Butylbenzylphthalate	20.706	149	1265507	42.237	ng		86
81) Benzo(a)anthracene	21.547	228	2983788	40.027	ng		98
82) 3,3'-Dichlorobenzidine	21.477	252	1024290	40.686	ng		98
83) Chrysene	21.606	228	2838775	39.866	ng		100
84) Bis(2-ethylhexyl)phtha...	21.489	149	1902891	41.575	ng	#	98
85) Di-n-octyl phthalate	22.436	149	2992040	41.246	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.606	276	3101405	40.279	ng		97
88) Benzo(b)fluoranthene	23.277	252	2738576	40.349	ng		99
89) Benzo(k)fluoranthene	23.324	252	2763147	40.810	ng		98
90) Benzo(a)pyrene	23.918	252	2260526	40.531	ng		99
91) Dibenzo(a,h)anthracene	26.624	278	2606140	40.245	ng		97
92) Benzo(g,h,i)perylene	27.400	276	2512304	40.048	ng		99

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

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