Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010522\
Data File : BM033642.D
Acq On : 05 Jan 2022 13:07
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Quant Time: Jan 05 15:11:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 15:08:05 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.984	152	168275	20.000	ng		0.00
21) Naphthalene-d8	10.807	136	669214	20.000	ng		0.00
39) Acenaphthene-d10	14.624	164	402384	20.000	ng		0.00
64) Phenanthrene-d10	17.360	188	778026	20.000	ng		0.00
76) Chrysene-d12	21.524	240	754335	20.000	ng		0.00
86) Perylene-d12	23.953	264	788684	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.525	112	438575	44.861	ng		0.00
7) Phenol-d6	7.137	99	577966	42.227	ng		0.00
23) Nitrobenzene-d5	9.148	82	579821	35.987	ng		0.00
42) 2,4,6-Tribromophenol	16.101	330	164512	33.203	ng		0.00
45) 2-Fluorobiphenyl	13.254	172	1204337	42.198	ng		0.00
79) Terphenyl-d14	19.971	244	1619918	35.720	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.360	88	95165	23.324	ng		95
3) Pyridine	3.772	79	257201	24.958	ng		97
4) n-Nitrosodimethylamine	3.678	42	125712	16.337	ng	#	74
6) Aniline	7.301	93	327316	20.951	ng		98
8) 2-Chlorophenol	7.543	128	231726	21.507	ng		93
9) Benzaldehyde	7.107	77	201341	21.437	ng		93
10) Phenol	7.160	94	288412	21.227	ng		95
11) bis(2-Chloroethyl)ether	7.401	93	227440	21.954	ng		95
12) 1,3-Dichlorobenzene	7.878	146	265453	20.885	ng		96
13) 1,4-Dichlorobenzene	8.019	146	271254	20.993	ng		96
14) 1,2-Dichlorobenzene	8.342	146	261363	20.561	ng		99
15) Benzyl Alcohol	8.219	79	232918	18.066	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.525	45	350517	19.142	ng		99
17) 2-Methylphenol	8.425	107	197589	20.001	ng		96
18) Hexachloroethane	9.084	117	103326	19.551	ng		99
19) n-Nitroso-di-n-propyla...	8.795	70	187134	17.552	ng		93
20) 3+4-Methylphenols	8.754	107	269849	19.923	ng		95
22) Acetophenone	8.807	105	355232	19.378	ng	#	96
24) Nitrobenzene	9.189	77	275081	17.864	ng		95
25) Isophorone	9.725	82	462417	18.210	ng		99
26) 2-Nitrophenol	9.907	139	113145	19.235	ng		90
27) 2,4-Dimethylphenol	9.966	122	193085	21.261	ng		95
28) bis(2-Chloroethoxy)met...	10.207	93	308865	21.706	ng		98
29) 2,4-Dichlorophenol	10.442	162	210085	19.846	ng		98
30) 1,2,4-Trichlorobenzene	10.666	180	236023	18.921	ng		97
31) Naphthalene	10.854	128	731672	20.368	ng		100
32) Benzoic acid	10.060	122	129717	17.535	ng		91
33) 4-Chloroaniline	10.954	127	289093	21.177	ng		95
34) Hexachlorobutadiene	11.154	225	153371	17.878	ng		95
35) Caprolactam	11.713	113	58532	26.422	ng		89
36) 4-Chloro-3-methylphenol	12.072	107	245836	18.043	ng		99
37) 2-Methylnaphthalene	12.460	142	497242	19.322	ng		99
38) 1-Methylnaphthalene	12.677	142	480676	18.691	ng		100
40) 1,2,4,5-Tetrachloroben...	12.830	216	247774	21.431	ng		100
41) Hexachlorocyclopentadiene	12.819	237	152621	23.751	ng		99
43) 2,4,6-Trichlorophenol	13.060	196	163092	20.044	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.130	196	174221	20.169	ng		97
46) 1,1'-Biphenyl	13.466	154	644390	21.824	ng		99
47) 2-Chloronaphthalene	13.507	162	482715	21.073	ng		98
48) 2-Nitroaniline	13.695	65	156886	17.928	ng		94
49) Acenaphthylene	14.348	152	761899	20.767	ng		99
50) Dimethylphthalate	14.077	163	618850	19.951	ng		99
51) 2,6-Dinitrotoluene	14.189	165	120895	19.525	ng		94
52) Acenaphthene	14.689	154	494990	22.459	ng		98
53) 3-Nitroaniline	14.513	138	133932	22.026	ng		99
54) 2,4-Dinitrophenol	14.719	184	55289	14.347	ng		88
55) Dibenzofuran	15.019	168	748004	19.819	ng		96
56) 4-Nitrophenol	14.807	139	111381	23.728	ng		96
57) 2,4-Dinitrotoluene	14.971	165	158974	18.394	ng		93
58) Fluorene	15.666	166	579520	19.048	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.242	232	152771	19.267	ng		97
60) Diethylphthalate	15.436	149	648188	19.367	ng		98
61) 4-Chlorophenyl-phenyle...	15.660	204	291903	18.201	ng		92
62) 4-Nitroaniline	15.671	138	137090	21.880	ng		92
63) Azobenzene	15.954	77	652534	17.668	ng		96
65) 4,6-Dinitro-2-methylph...	15.730	198	82866	15.959	ng		93
66) n-Nitrosodiphenylamine	15.871	169	508234	22.024	ng		99
67) 4-Bromophenyl-phenylether	16.554	248	159094	18.947	ng		96
68) Hexachlorobenzene	16.671	284	185907	20.524	ng		98
69) Atrazine	16.818	200	181176	34.955	ng		99
70) Pentachlorophenol	17.007	266	120478	21.785	ng		98
71) Phenanthrene	17.401	178	889902	20.732	ng		99
72) Anthracene	17.495	178	878957	20.818	ng		99
73) Carbazole	17.754	167	875293	21.608	ng		100
74) Di-n-butylphthalate	18.330	149	1068352	21.311	ng		100
75) Fluoranthene	19.406	202	1000924	20.387	ng		98
77) Benzidine	19.583	184	493805	59.332	ng		99
78) Pyrene	19.765	202	1048380	18.710	ng		99
80) Butylbenzylphthalate	20.665	149	465873	19.061	ng		97
81) Benzo(a)anthracene	21.506	228	1035565	20.151	ng		99
82) 3,3'-Dichlorobenzidine	21.436	252	362313	15.696	ng		98
83) Chrysene	21.559	228	974471	19.772	ng		99
84) Bis(2-ethylhexyl)phtha...	21.442	149	716002	21.238	ng		100
85) Di-n-octyl phthalate	22.383	149	1175352	21.320	ng		95
87) Indeno(1,2,3-cd)pyrene	26.494	276	1154938	20.676	ng		97
88) Benzo(b)fluoranthene	23.212	252	985337	19.505	ng		98
89) Benzo(k)fluoranthene	23.259	252	988480	19.633	ng		99
90) Benzo(a)pyrene	23.847	252	826366	19.431	ng		98
91) Dibenzo(a,h)anthracene	26.524	278	950920	20.165	ng	#	95
92) Benzo(g,h,i)perylene	27.282	276	941133	20.266	ng		97

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

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