Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010522\
Data File : BM033647.D
Acq On : 05 Jan 2022 17:36
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM010522

Quant Time: Jan 06 00:36:41 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 17:07:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.983	152	195952	20.000	ng		0.00
21) Naphthalene-d8	10.801	136	804323	20.000	ng		0.00
39) Acenaphthene-d10	14.624	164	506785	20.000	ng		0.00
64) Phenanthrene-d10	17.359	188	905083	20.000	ng		0.00
76) Chrysene-d12	21.524	240	660180	20.000	ng		0.00
86) Perylene-d12	23.953	264	694973	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.525	112	969097	77.999	ng		0.00
7) Phenol-d6	7.136	99	1343402	80.225	ng		0.00
23) Nitrobenzene-d5	9.148	82	1390131	79.818	ng		0.00
42) 2,4,6-Tribromophenol	16.106	330	437785	82.707	ng		0.00
45) 2-Fluorobiphenyl	13.254	172	2952885	76.317	ng		0.00
79) Terphenyl-d14	19.971	244	3109523	84.782	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.360	88	202559	36.374	ng		94
3) Pyridine	3.772	79	557041	38.632	ng		96
4) n-Nitrosodimethylamine	3.678	42	274111	38.050	ng	#	74
6) Aniline	7.301	93	748190	39.444	ng		97
8) 2-Chlorophenol	7.542	128	541901	39.886	ng		91
9) Benzaldehyde	7.107	77	418539	41.196	ng		94
10) Phenol	7.166	94	675193	40.105	ng		94
11) bis(2-Chloroethyl)ether	7.401	93	523178	39.393	ng		94
12) 1,3-Dichlorobenzene	7.872	146	589868	38.845	ng		96
13) 1,4-Dichlorobenzene	8.019	146	607127	39.095	ng		96
14) 1,2-Dichlorobenzene	8.342	146	585462	38.984	ng		99
15) Benzyl Alcohol	8.225	79	561185	41.053	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.525	45	767277	38.310	ng		98
17) 2-Methylphenol	8.425	107	475711	40.933	ng		96
18) Hexachloroethane	9.078	117	229999	39.087	ng		98
19) n-Nitroso-di-n-propyla...	8.801	70	449947	41.126	ng		91
20) 3+4-Methylphenols	8.760	107	661575	41.669	ng		94
22) Acetophenone	8.813	105	846481	39.240	ng	#	94
24) Nitrobenzene	9.189	77	648480	39.156	ng		94
25) Isophorone	9.725	82	1160836	41.148	ng		99
26) 2-Nitrophenol	9.907	139	296923	42.551	ng		88
27) 2,4-Dimethylphenol	9.972	122	467638	40.143	ng		96
28) bis(2-Chloroethoxy)met...	10.207	93	735067	39.525	ng		98
29) 2,4-Dichlorophenol	10.442	162	527906	41.390	ng		98
30) 1,2,4-Trichlorobenzene	10.666	180	563824	39.578	ng		96
31) Naphthalene	10.854	128	1748880	39.672	ng		99
32) Benzoic acid	10.107	122	377836	46.094	ng		88
33) 4-Chloroaniline	10.954	127	716183	41.174	ng		94
34) Hexachlorobutadiene	11.154	225	367557	39.501	ng		95
35) Caprolactam	11.742	113	162245	45.864	ng	#	84
36) 4-Chloro-3-methylphenol	12.077	107	627328	42.342	ng		98
37) 2-Methylnaphthalene	12.460	142	1206978	40.518	ng		99
38) 1-Methylnaphthalene	12.677	142	1186375	40.977	ng		100
40) 1,2,4,5-Tetrachloroben...	12.830	216	609506	38.045	ng		99
41) Hexachlorocyclopentadiene	12.818	237	385060	38.207	ng		99
43) 2,4,6-Trichlorophenol	13.060	196	424626	40.629	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.130	196	446144	40.348	ng		97
46) 1,1'-Biphenyl	13.465	154	1594232	38.512	ng		99
47) 2-Chloronaphthalene	13.507	162	1203445	38.716	ng		98
48) 2-Nitroaniline	13.695	65	405717	41.609	ng		89
49) Acenaphthylene	14.348	152	1921854	39.619	ng		99
50) Dimethylphthalate	14.083	163	1583312	40.245	ng		99
51) 2,6-Dinitrotoluene	14.195	165	313746	41.178	ng		91
52) Acenaphthene	14.689	154	1255967	39.804	ng		98
53) 3-Nitroaniline	14.518	138	337221	41.472	ng		93
54) 2,4-Dinitrophenol	14.718	184	152670	43.414	ng		90
55) Dibenzofuran	15.018	168	1867841	39.490	ng		96
56) 4-Nitrophenol	14.812	139	255657	39.672	ng		89
57) 2,4-Dinitrotoluene	14.971	165	418570	43.023	ng		90
58) Fluorene	15.665	166	1434535	39.592	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.242	232	378350	40.524	ng		98
60) Diethylphthalate	15.442	149	1649397	40.697	ng		100
61) 4-Chlorophenyl-phenyle...	15.659	204	751206	40.181	ng		94
62) 4-Nitroaniline	15.671	138	313952	39.640	ng		91
63) Azobenzene	15.954	77	1607658	40.123	ng		95
65) 4,6-Dinitro-2-methylph...	15.736	198	218648	43.999	ng		88
66) n-Nitrosodiphenylamine	15.871	169	1262143	41.264	ng		99
67) 4-Bromophenyl-phenylether	16.554	248	409636	40.917	ng		95
68) Hexachlorobenzene	16.671	284	466838	40.946	ng		99
69) Atrazine	16.818	200	429175	40.900	ng		99
70) Pentachlorophenol	17.006	266	277323	39.997	ng		97
71) Phenanthrene	17.401	178	2040951	39.408	ng		99
72) Anthracene	17.495	178	2000933	39.387	ng		99
73) Carbazole	17.759	167	1761243	36.774	ng		99
74) Di-n-butylphthalate	18.330	149	2598869	42.038	ng		100
75) Fluoranthene	19.406	202	1937321	35.632	ng		99
77) Benzidine	19.583	184	796260	40.187	ng		100
78) Pyrene	19.771	202	1936755	41.668	ng		98
80) Butylbenzylphthalate	20.665	149	894333	43.078	ng		95
81) Benzo(a)anthracene	21.506	228	1799823	40.204	ng		99
82) 3,3'-Dichlorobenzidine	21.436	252	647681	40.784	ng		99
83) Chrysene	21.559	228	1688034	39.403	ng		100
84) Bis(2-ethylhexyl)phtha...	21.441	149	1373520	43.433	ng		100
85) Di-n-octyl phthalate	22.377	149	2146767	41.744	ng	#	94
87) Indeno(1,2,3-cd)pyrene	26.506	276	2053206	40.063	ng		99
88) Benzo(b)fluoranthene	23.212	252	1724434	38.919	ng		99
89) Benzo(k)fluoranthene	23.265	252	1749170	40.732	ng		98
90) Benzo(a)pyrene	23.847	252	1469068	39.949	ng		98
91) Dibenzo(a,h)anthracene	26.523	278	1698312	39.897	ng	#	94
92) Benzo(g,h,i)perylene	27.288	276	1675532	40.035	ng		97

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

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