Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013024\
Data File : BM043922.D
Acq On : 30 Jan 2024 12:17
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Quant Time: Jan 31 00:35:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 00:30:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	334757	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	1399000	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	790828	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	1612684	20.000	ng		0.00
76) Chrysene-d12	21.515	240	1501226	20.000	ng		0.00
86) Perylene-d12	23.927	264	1679497	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	907205	40.523	ng		0.00
7) Phenol-d6	7.081	99	1194731	40.290	ng		0.00
23) Nitrobenzene-d5	9.087	82	1120290	40.047	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	349480	39.294	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	2463409	40.242	ng		0.00
79) Terphenyl-d14	19.956	244	3686030	41.873	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	185827	20.129	ng		98
3) Pyridine	3.787	79	498409	19.950	ng		99
4) n-Nitrosodimethylamine	3.710	42	218900	20.195	ng	#	96
6) Aniline	7.251	93	566290	19.945	ng		99
8) 2-Chlorophenol	7.481	128	472705	20.277	ng		98
9) Benzaldehyde	7.063	77	356718	21.645	ng		99
10) Phenol	7.110	94	592346	20.227	ng		99
11) bis(2-Chloroethyl)ether	7.351	93	493337	20.442	ng		99
12) 1,3-Dichlorobenzene	7.804	146	549494	20.325	ng		99
13) 1,4-Dichlorobenzene	7.957	146	550870	20.213	ng		96
14) 1,2-Dichlorobenzene	8.269	146	534689	20.480	ng		100
15) Benzyl Alcohol	8.163	79	382854	20.048	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.457	45	678770	20.374	ng		100
17) 2-Methylphenol	8.363	107	376721	20.345	ng		99
18) Hexachloroethane	8.992	117	208144	20.364	ng		99
19) n-Nitroso-di-n-propyla...	8.734	70	390675	20.851	ng		100
20) 3+4-Methylphenols	8.692	107	511971	20.280	ng		99
22) Acetophenone	8.751	105	743304	20.163	ng	#	99
24) Nitrobenzene	9.134	77	567026	20.067	ng		98
25) Isophorone	9.657	82	1019168	20.050	ng		99
26) 2-Nitrophenol	9.839	139	166088	18.773	ng		99
27) 2,4-Dimethylphenol	9.898	122	305189	19.909	ng		97
28) bis(2-Chloroethoxy)met...	10.151	93	647508	20.113	ng		100
29) 2,4-Dichlorophenol	10.369	162	389688	19.824	ng		98
30) 1,2,4-Trichlorobenzene	10.586	180	481816	19.940	ng		100
31) Naphthalene	10.775	128	1557031	20.097	ng		99
32) Benzoic acid	9.998	122	172692	20.377	ng		98
33) 4-Chloroaniline	10.892	127	582480	20.072	ng		99
34) Hexachlorobutadiene	11.051	225	278189	19.891	ng		98
35) Caprolactam	11.663	113	118552	19.227	ng		99
36) 4-Chloro-3-methylphenol	12.010	107	428998	19.898	ng		100
37) 2-Methylnaphthalene	12.386	142	1036946	19.935	ng		99
38) 1-Methylnaphthalene	12.604	142	1022082	19.927	ng		99
40) 1,2,4,5-Tetrachloroben...	12.751	216	489299	20.021	ng		100
41) Hexachlorocyclopentadiene	12.722	237	156071	18.983	ng		96
43) 2,4,6-Trichlorophenol	12.998	196	284023	19.819	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	331629	20.037	ng	99
46) 1,1'-Biphenyl	13.404	154	1289836	19.957	ng	99
47) 2-Chloronaphthalene	13.439	162	1032281	20.178	ng	100
48) 2-Nitroaniline	13.651	65	257197	19.508	ng	99
49) Acenaphthylene	14.286	152	1506459	20.138	ng	99
50) Dimethylphthalate	14.033	163	1169472	20.011	ng	99
51) 2,6-Dinitrotoluene	14.151	165	240308	19.959	ng	96
52) Acenaphthene	14.627	154	957429	20.173	ng	99
53) 3-Nitroaniline	14.480	138	260865	20.152	ng	95
54) 2,4-Dinitrophenol	14.686	184	60908	20.420	ng	98
55) Dibenzofuran	14.963	168	1469253	20.187	ng	99
56) 4-Nitrophenol	14.774	139	200343	18.528	ng	95
57) 2,4-Dinitrotoluene	14.939	165	307601	19.846	ng	98
58) Fluorene	15.616	166	1218039	20.084	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.186	232	263202	20.173	ng	100
60) Diethylphthalate	15.404	149	1210698	20.062	ng	100
61) 4-Chlorophenyl-phenyle...	15.616	204	591352	19.984	ng	99
62) 4-Nitroaniline	15.639	138	275021	20.150	ng	97
63) Azobenzene	15.910	77	1267581	20.330	ng	99
65) 4,6-Dinitro-2-methylph...	15.692	198	96447	20.168	ng	97
66) n-Nitrosodiphenylamine	15.833	169	998162	20.034	ng	100
67) 4-Bromophenyl-phenylether	16.515	248	345885	19.676	ng	99
68) Hexachlorobenzene	16.610	284	408273	19.863	ng	99
69) Atrazine	16.792	200	279107	20.838	ng	98
70) Pentachlorophenol	16.962	266	215308	18.147	ng	100
71) Phenanthrene	17.362	178	1776169	19.936	ng	100
72) Anthracene	17.451	178	1729032	19.815	ng	99
73) Carbazole	17.727	167	1697841	20.034	ng	100
74) Di-n-butylphthalate	18.309	149	1968212	19.712	ng	100
75) Fluoranthene	19.380	202	2044941	19.830	ng	100
77) Benzidine	19.574	184	232550	19.845	ng	100
78) Pyrene	19.745	202	2166705	20.037	ng	100
80) Butylbenzylphthalate	20.668	149	706604	19.127	ng	100
81) Benzo(a)anthracene	21.503	228	2120744	20.149	ng	99
82) 3,3'-Dichlorobenzidine	21.445	252	600482	19.247	ng	99
83) Chrysene	21.556	228	2004079	20.040	ng	98
84) Bis(2-ethylhexyl)phtha...	21.456	149	1258717	19.583	ng	100
85) Di-n-octyl phthalate	22.403	149	1883730	20.092	ng	100
87) Indeno(1,2,3-cd)pyrene	26.432	276	2430162	19.897	ng	100
88) Benzo(b)fluoranthene	23.197	252	2112997	19.632	ng	99
89) Benzo(k)fluoranthene	23.244	252	2098158	20.070	ng	99
90) Benzo(a)pyrene	23.821	252	1811606	19.617	ng	99
91) Dibenzo(a,h)anthracene	26.462	278	2009732	19.769	ng	99
92) Benzo(g,h,i)perylene	27.203	276	2013019	19.825	ng	98

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

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