Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012624\
Data File : BM043911.D
Acq On : 26 Jan 2024 13:04
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Quant Time: Jan 27 04:21:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 04:17:07 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	303662	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	1303447	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	784646	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	1590684	20.000	ng		0.00
76) Chrysene-d12	21.515	240	1338027	20.000	ng		0.00
86) Perylene-d12	23.927	264	1437729	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	810515	40.474	ng		0.00
7) Phenol-d6	7.081	99	1075090	40.064	ng		0.00
23) Nitrobenzene-d5	9.092	82	1068328	39.889	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	349452	37.590	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	2403324	38.846	ng		0.00
79) Terphenyl-d14	19.956	244	3583485	42.934	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	171931	20.213	ng		99
3) Pyridine	3.787	79	465944	20.079	ng		100
4) n-Nitrosodimethylamine	3.710	42	219694	20.211	ng	#	98
6) Aniline	7.251	93	527671	20.197	ng		98
8) 2-Chlorophenol	7.481	128	417205	20.024	ng		99
9) Benzaldehyde	7.063	77	328487	22.175	ng		98
10) Phenol	7.110	94	532175	20.153	ng		99
11) bis(2-Chloroethyl)ether	7.357	93	446516	19.945	ng		99
12) 1,3-Dichlorobenzene	7.804	146	495598	20.103	ng		99
13) 1,4-Dichlorobenzene	7.957	146	502837	20.156	ng		99
14) 1,2-Dichlorobenzene	8.269	146	483360	20.170	ng		100
15) Benzyl Alcohol	8.163	79	356222	20.234	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.463	45	687978	20.603	ng		98
17) 2-Methylphenol	8.363	107	341805	20.260	ng		99
18) Hexachloroethane	8.992	117	187150	19.950	ng		97
19) n-Nitroso-di-n-propyla...	8.734	70	386845	21.457	ng		98
20) 3+4-Methylphenols	8.693	107	468371	20.578	ng		99
22) Acetophenone	8.751	105	702029	20.101	ng	#	98
24) Nitrobenzene	9.134	77	541790	20.040	ng		99
25) Isophorone	9.657	82	1020834	20.475	ng		98
26) 2-Nitrophenol	9.839	139	135748	18.406	ng		95
27) 2,4-Dimethylphenol	9.898	122	281482	19.915	ng		99
28) bis(2-Chloroethoxy)met...	10.151	93	622772	20.319	ng		100
29) 2,4-Dichlorophenol	10.369	162	358319	19.920	ng		98
30) 1,2,4-Trichlorobenzene	10.586	180	444937	19.537	ng		99
31) Naphthalene	10.775	128	1445117	19.858	ng		99
32) Benzoic acid	10.004	122	133086	19.845	ng		94
33) 4-Chloroaniline	10.892	127	552156	20.255	ng		99
34) Hexachlorobutadiene	11.051	225	260621	19.561	ng		98
35) Caprolactam	11.663	113	118652	19.730	ng		95
36) 4-Chloro-3-methylphenol	12.010	107	405145	20.409	ng		98
37) 2-Methylnaphthalene	12.386	142	1000021	20.208	ng		100
38) 1-Methylnaphthalene	12.610	142	985006	20.250	ng		99
40) 1,2,4,5-Tetrachloroben...	12.751	216	467710	19.025	ng		100
41) Hexachlorocyclopentadiene	12.722	237	133176	17.114	ng		98
43) 2,4,6-Trichlorophenol	12.998	196	264481	19.224	ng		100

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44) 2,4,5-Trichlorophenol	13.063	196	309788	19.739	ng	99
46) 1,1'-Biphenyl	13.404	154	1264759	19.491	ng	99
47) 2-Chloronaphthalene	13.439	162	993961	19.420	ng	99
48) 2-Nitroaniline	13.651	65	246243	19.309	ng	98
49) Acenaphthylene	14.286	152	1484098	19.746	ng	99
50) Dimethylphthalate	14.033	163	1169142	20.243	ng	100
51) 2,6-Dinitrotoluene	14.157	165	232078	20.147	ng	98
52) Acenaphthene	14.627	154	937763	19.625	ng	100
53) 3-Nitroaniline	14.480	138	249974	20.287	ng	99
54) 2,4-Dinitrophenol	14.686	184	48159	20.113	ng	97
55) Dibenzofuran	14.963	168	1442245	19.828	ng	99
56) 4-Nitrophenol	14.774	139	184596	18.685	ng	99
57) 2,4-Dinitrotoluene	14.933	165	292996	19.819	ng	91
58) Fluorene	15.616	166	1226117	20.075	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.186	232	252523	19.964	ng	99
60) Diethylphthalate	15.404	149	1235785	20.744	ng	99
61) 4-Chlorophenyl-phenyle...	15.616	204	601431	19.974	ng	100
62) 4-Nitroaniline	15.639	138	260586	20.336	ng	98
63) Azobenzene	15.910	77	1327652	20.448	ng	99
65) 4,6-Dinitro-2-methylph...	15.692	198	76873	19.787	ng	96
66) n-Nitrosodiphenylamine	15.833	169	1015054	20.101	ng	99
67) 4-Bromophenyl-phenylether	16.516	248	355576	19.643	ng	99
68) Hexachlorobenzene	16.610	284	414950	19.686	ng	98
69) Atrazine	16.792	200	285126	21.036	ng	98
70) Pentachlorophenol	16.957	266	199419	20.120	ng	98
71) Phenanthrene	17.357	178	1753361	19.802	ng	99
72) Anthracene	17.451	178	1729861	19.836	ng	99
73) Carbazole	17.727	167	1660823	19.977	ng	99
74) Di-n-butylphthalate	18.310	149	2005670	20.487	ng	100
75) Fluoranthene	19.380	202	1976630	19.689	ng	99
77) Benzidine	19.580	184	272519	16.464	ng	99
78) Pyrene	19.745	202	2072963	20.744	ng	99
80) Butylbenzylphthalate	20.668	149	590954	19.032	ng	99
81) Benzo(a)anthracene	21.498	228	1887409	20.021	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	518540	18.439	ng	97
83) Chrysene	21.556	228	1782697	19.824	ng	99
84) Bis(2-ethylhexyl)phtha...	21.456	149	1077599	19.352	ng	99
85) Di-n-octyl phthalate	22.409	149	1501757	19.676	ng	99
87) Indeno(1,2,3-cd)pyrene	26.433	276	2118309	19.937	ng	100
88) Benzo(b)fluoranthene	23.197	252	1808358	19.603	ng	98
89) Benzo(k)fluoranthene	23.244	252	1800596	19.765	ng	100
90) Benzo(a)pyrene	23.821	252	1564986	19.641	ng	100
91) Dibenzo(a,h)anthracene	26.462	278	1748720	19.819	ng	98
92) Benzo(g,h,i)perylene	27.203	276	1744381	19.894	ng	99

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

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