Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
Data File : BM047143.D
Acq On : 10 Aug 2024 15:11
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Quant Time: Aug 11 23:32:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:24:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.375	152	264468	20.000	ng		0.00
21) Naphthalene-d8	10.128	136	1115607	20.000	ng		0.00
39) Acenaphthene-d10	14.034	164	747989	20.000	ng		0.00
64) Phenanthrene-d10	16.792	188	1595663	20.000	ng		0.00
76) Chrysene-d12	21.027	240	1449202	20.000	ng		0.00
86) Perylene-d12	23.727	264	1737656	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.022	112	633062	42.772	ng		0.00
7) Phenol-d6	6.581	99	873552	42.833	ng		0.00
23) Nitrobenzene-d5	8.522	82	936280	42.259	ng		0.00
42) 2,4,6-Tribromophenol	15.539	330	371649	42.851	ng		0.00
45) 2-Fluorobiphenyl	12.639	172	1998004	41.204	ng		0.00
79) Terphenyl-d14	19.457	244	2776457	41.052	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.034	88	131017	21.364	ng		99
3) Pyridine	3.411	79	385480	21.451	ng		99
4) n-Nitrosodimethylamine	3.328	42	166470	21.188	ng	#	94
6) Aniline	6.722	93	418736	21.723	ng		99
8) 2-Chlorophenol	6.952	128	350051	21.684	ng		99
9) Benzaldehyde	6.540	77	270923	21.095	ng		98
10) Phenol	6.610	94	434987	21.375	ng		99
11) bis(2-Chloroethyl)ether	6.822	93	372085	21.351	ng		99
12) 1,3-Dichlorobenzene	7.263	146	406387	21.185	ng		100
13) 1,4-Dichlorobenzene	7.410	146	413095	21.269	ng		98
14) 1,2-Dichlorobenzene	7.716	146	400406	21.850	ng		99
15) Benzyl Alcohol	7.622	79	314490	21.667	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.904	45	491561	21.956	ng		99
17) 2-Methylphenol	7.834	107	294855	21.718	ng		99
18) Hexachloroethane	8.428	117	158678	21.091	ng		99
19) n-Nitroso-di-n-propyla...	8.181	70	300944	21.907	ng		97
20) 3+4-Methylphenols	8.157	107	415106	21.871	ng		97
22) Acetophenone	8.193	105	569010	21.130	ng		99
24) Nitrobenzene	8.563	77	477014	21.382	ng		97
25) Isophorone	9.087	82	816407	21.163	ng		99
26) 2-Nitrophenol	9.263	139	201069	20.351	ng		98
27) 2,4-Dimethylphenol	9.346	122	242158	20.924	ng		100
28) bis(2-Chloroethoxy)met...	9.575	93	511416	21.069	ng		99
29) 2,4-Dichlorophenol	9.793	162	354907	20.667	ng		98
30) 1,2,4-Trichlorobenzene	9.998	180	400292	20.598	ng		99
31) Naphthalene	10.181	128	1162115	20.911	ng		99
32) Benzoic acid	9.487	122	267804	19.806	ng		98
33) 4-Chloroaniline	10.304	127	455929	21.333	ng		100
34) Hexachlorobutadiene	10.463	225	230475	20.262	ng		99
35) Caprolactam	11.098	113	124776	20.923	ng		100
36) 4-Chloro-3-methylphenol	11.451	107	386762	21.148	ng		100
37) 2-Methylnaphthalene	11.804	142	828088	20.927	ng		100
38) 1-Methylnaphthalene	12.028	142	819798	20.963	ng		98
40) 1,2,4,5-Tetrachloroben...	12.187	216	414428	20.313	ng		99
41) Hexachlorocyclopentadiene	12.163	237	142951	20.066	ng		100
43) 2,4,6-Trichlorophenol	12.445	196	294494	20.309	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.516	196	327981	20.371	ng	98
46) 1,1'-Biphenyl	12.851	154	1106359	20.776	ng	98
47) 2-Chloronaphthalene	12.887	162	879955	21.142	ng	99
48) 2-Nitroaniline	13.110	65	274398	21.044	ng	96
49) Acenaphthylene	13.745	152	1295508	21.117	ng	99
50) Dimethylphthalate	13.510	163	1098249	21.023	ng	100
51) 2,6-Dinitrotoluene	13.628	165	252319	20.662	ng	99
52) Acenaphthene	14.098	154	812631	20.882	ng	99
53) 3-Nitroaniline	13.957	138	257120	21.012	ng	98
54) 2,4-Dinitrophenol	14.175	184	138230	18.886	ng	99
55) Dibenzofuran	14.439	168	1292618	21.028	ng	98
56) 4-Nitrophenol	14.292	139	219007	20.755	ng	97
57) 2,4-Dinitrotoluene	14.422	165	343833	21.094	ng	96
58) Fluorene	15.092	166	1066342	21.024	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.675	232	275845	20.846	ng	98
60) Diethylphthalate	14.892	149	1126281	21.113	ng	98
61) 4-Chlorophenyl-phenyle...	15.098	204	496242	20.551	ng	100
62) 4-Nitroaniline	15.128	138	258531m	21.445	ng	
63) Azobenzene	15.392	77	1090035	21.550	ng	99
65) 4,6-Dinitro-2-methylph...	15.192	198	191622	20.511	ng	97
66) n-Nitrosodiphenylamine	15.316	169	914838	21.049	ng	99
67) 4-Bromophenyl-phenylether	15.998	248	316488	20.583	ng	99
68) Hexachlorobenzene	16.098	284	382395	20.765	ng	99
69) Atrazine	16.286	200	290743	22.231	ng	99
70) Pentachlorophenol	16.451	266	263728	20.430	ng	99
71) Phenanthrene	16.833	178	1652375	20.634	ng	100
72) Anthracene	16.927	178	1637902	21.021	ng	100
73) Carbazole	17.204	167	1678200	21.094	ng	99
74) Di-n-butylphthalate	17.792	149	1951166	21.077	ng	99
75) Fluoranthene	18.868	202	2002438	20.558	ng	99
77) Benzidine	19.074	184	541138	22.019	ng	99
78) Pyrene	19.233	202	2091746	20.215	ng	99
80) Butylbenzylphthalate	20.174	149	869066	20.580	ng	98
81) Benzo(a)anthracene	21.010	228	1977415	20.554	ng	100
82) 3,3'-Dichlorobenzidine	20.957	252	636034	21.130	ng	98
83) Chrysene	21.068	228	1885561	20.657	ng	99
84) Bis(2-ethylhexyl)phtha...	20.974	149	1257178	20.992	ng	99
85) Di-n-octyl phthalate	22.009	149	2072238	20.358	ng	99
87) Indeno(1,2,3-cd)pyrene	26.715	276	2373808	21.135	ng	99
88) Benzo(b)fluoranthene	22.880	252	2123837	20.581	ng	99
89) Benzo(k)fluoranthene	22.939	252	2041826	20.948	ng	99
90) Benzo(a)pyrene	23.598	252	1851508	20.712	ng	99
91) Dibenzo(a,h)anthracene	26.768	278	1944551	21.393	ng	99
92) Benzo(g,h,i)perylene	27.644	276	2020018	21.405	ng	99

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

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