Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043024\
Data File : BM045653.D
Acq On : 30 Apr 2024 20:09
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM043024

Quant Time: May 01 06:36:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 06:17:41 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.522	152	18724	20.000	ng		0.00
21) Naphthalene-d8	10.287	136	70025	20.000	ng		0.00
39) Acenaphthene-d10	14.175	164	39183	20.000	ng		0.00
64) Phenanthrene-d10	16.939	188	79862	20.000	ng		0.00
76) Chrysene-d12	21.162	240	91528	20.000	ng		0.00
86) Perylene-d12	23.345	264	135262	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.152	112	99699	78.915	ng		0.00
7) Phenol-d6	6.710	99	121929	82.164	ng		0.00
23) Nitrobenzene-d5	8.681	82	126351	83.846	ng		0.00
42) 2,4,6-Tribromophenol	15.686	330	37428	83.229	ng		0.00
45) 2-Fluorobiphenyl	12.780	172	221294	77.010	ng		0.00
79) Terphenyl-d14	19.598	244	345780	79.088	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.169	88	20041	39.384	ng		99
3) Pyridine	3.558	79	52641	44.299	ng		96
4) n-Nitrosodimethylamine	3.481	42	32561	42.073	ng		84
6) Aniline	6.875	93	56056	40.994	ng		96
8) 2-Chlorophenol	7.087	128	50478	41.236	ng		96
9) Benzaldehyde	6.699	77	36067	39.448	ng		95
10) Phenol	6.740	94	59999	39.875	ng		97
11) bis(2-Chloroethyl)ether	6.975	93	45215	39.847	ng		99
12) 1,3-Dichlorobenzene	7.404	146	55881	39.097	ng		95
13) 1,4-Dichlorobenzene	7.557	146	57009	39.581	ng		99
14) 1,2-Dichlorobenzene	7.863	146	54210	39.260	ng		97
15) Benzyl Alcohol	7.775	79	38096	39.341	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.057	45	48714	38.760	ng		98
17) 2-Methylphenol	7.969	107	38882	39.881	ng		98
18) Hexachloroethane	8.563	117	24709	38.966	ng		93
19) n-Nitroso-di-n-propyla...	8.334	70	35479	41.928	ng		97
20) 3+4-Methylphenols	8.298	107	52335	40.906	ng		99
22) Acetophenone	8.351	105	71230	40.718	ng		99
24) Nitrobenzene	8.722	77	61946	40.290	ng		97
25) Isophorone	9.245	82	92329	40.697	ng		100
26) 2-Nitrophenol	9.422	139	24044	39.145	ng		96
27) 2,4-Dimethylphenol	9.487	122	27936	40.035	ng		91
28) bis(2-Chloroethoxy)met...	9.728	93	54237	41.528	ng		96
29) 2,4-Dichlorophenol	9.951	162	39910	42.307	ng		96
30) 1,2,4-Trichlorobenzene	10.151	180	44317	39.983	ng		96
31) Naphthalene	10.334	128	142312	39.564	ng		100
32) Benzoic acid	9.640	122	30421	37.912	ng		95
33) 4-Chloroaniline	10.481	127	52058	42.523	ng		96
34) Hexachlorobutadiene	10.598	225	25375	40.906	ng		96
35) Caprolactam	11.286	113	11800	38.895	ng	#	77
36) 4-Chloro-3-methylphenol	11.604	107	40852	41.952	ng		95
37) 2-Methylnaphthalene	11.963	142	90597	40.691	ng		97
38) 1-Methylnaphthalene	12.181	142	90416	39.872	ng		95
40) 1,2,4,5-Tetrachloroben...	12.333	216	39992	39.847	ng		98
41) Hexachlorocyclopentadiene	12.286	237	12844	39.338	ng		96
43) 2,4,6-Trichlorophenol	12.598	196	28439	42.364	ng		94

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44) 2,4,5-Trichlorophenol	12.675	196	32452	42.559	ng		98
46) 1,1'-Biphenyl	12.998	154	113944	39.284	ng		96
47) 2-Chloronaphthalene	13.039	162	89061	38.562	ng		98
48) 2-Nitroaniline	13.275	65	29199	40.925	ng		97
49) Acenaphthylene	13.892	152	135199	39.700	ng		98
50) Dimethylphthalate	13.657	163	106831	40.514	ng		99
51) 2,6-Dinitrotoluene	13.786	165	24246	42.087	ng		94
52) Acenaphthene	14.239	154	83533	39.413	ng		97
53) 3-Nitroaniline	14.122	138	27142	41.102	ng		94
54) 2,4-Dinitrophenol	14.345	184	11138	38.308	ng		96
55) Dibenzofuran	14.580	168	128811	39.101	ng		96
56) 4-Nitrophenol	14.445	139	19696	42.942	ng	#	80
57) 2,4-Dinitrotoluene	14.586	165	33344	42.699	ng	#	77
58) Fluorene	15.239	166	107065	39.184	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.816	232	25140	43.502	ng		99
60) Diethylphthalate	15.027	149	113054	39.359	ng		98
61) 4-Chlorophenyl-phenyle...	15.239	204	46568	39.023	ng		98
62) 4-Nitroaniline	15.298	138	25532	39.285	ng		93
63) Azobenzene	15.533	77	133667	40.362	ng		99
65) 4,6-Dinitro-2-methylph...	15.357	198	16457	42.235	ng		95
66) n-Nitrosodiphenylamine	15.463	169	87439	40.352	ng		94
67) 4-Bromophenyl-phenylether	16.139	248	29054	40.188	ng		94
68) Hexachlorobenzene	16.233	284	36331	40.010	ng		92
69) Atrazine	16.433	200	26994	42.144	ng		96
70) Pentachlorophenol	16.598	266	22911	42.237	ng		93
71) Phenanthrene	16.986	178	158269	39.662	ng		99
72) Anthracene	17.074	178	155502	39.263	ng		99
73) Carbazole	17.368	167	164816	40.742	ng		98
74) Di-n-butylphthalate	17.927	149	195910	40.447	ng		99
75) Fluoranthene	19.015	202	195282	39.907	ng		99
77) Benzidine	19.239	184	80804	52.569	ng		99
78) Pyrene	19.386	202	214784	39.732	ng		97
80) Butylbenzylphthalate	20.309	149	103423	41.570	ng		95
81) Benzo(a)anthracene	21.145	228	225703	39.948	ng		97
82) 3,3'-Dichlorobenzidine	21.098	252	87851	41.058	ng		97
83) Chrysene	21.198	228	216197	39.164	ng		99
84) Bis(2-ethylhexyl)phtha...	21.092	149	153811	40.438	ng		99
85) Di-n-octyl phthalate	21.962	149	276833	41.408	ng		100
87) Indeno(1,2,3-cd)pyrene	25.521	276	406504	39.397	ng		98
88) Benzo(b)fluoranthene	22.697	252	285937	38.934	ng		99
89) Benzo(k)fluoranthene	22.739	252	278595	39.630	ng		97
90) Benzo(a)pyrene	23.250	252	262587	39.511	ng		97
91) Dibenzo(a,h)anthracene	25.533	278	331442	38.771	ng		98
92) Benzo(g,h,i)perylene	26.185	276	343700	39.554	ng		99

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

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