Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
Data File : BF138919.D
Acq On : 10 Aug 2024 19:54
Operator : RC/JU
Sample : P3466-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MSD

Quant Time: Aug 12 01:18:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	34191	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	141223	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	77035	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	117000	20.000	ng		0.00
76) Chrysene-d12	14.004	240	66468	20.000	ng	#	0.00
86) Perylene-d12	15.463	264	77789	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	181870	82.110	ng		0.00
7) Phenol-d6	6.487	99	156200	52.526	ng		0.00
23) Nitrobenzene-d5	7.410	82	310169	107.380	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	98155	155.550	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	535583	104.461	ng		0.00
79) Terphenyl-d14	12.939	244	409719	103.204	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	22305	23.002	ng		95
3) Pyridine	3.405	79	41478	17.657	ng		96
4) n-Nitrosodimethylamine	3.346	42	46462	33.209	ng		84
6) Aniline	6.504	93	88946	33.538	ng		89
8) 2-Chlorophenol	6.634	128	119590	51.318	ng		96
9) Benzaldehyde	6.398	77	6284	3.525	ng		95
10) Phenol	6.498	94	65912	21.051	ng	#	58
11) bis(2-Chloroethyl)ether	6.575	93	128966	53.525	ng		99
12) 1,3-Dichlorobenzene	6.781	146	123016	47.158	ng		99
13) 1,4-Dichlorobenzene	6.857	146	126794	48.164	ng		99
14) 1,2-Dichlorobenzene	7.010	146	123337	50.131	ng		100
15) Benzyl Alcohol	6.987	79	100199	46.749	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.110	45	218500	52.694	ng		66
17) 2-Methylphenol	7.110	107	83576	43.432	ng	#	80
18) Hexachloroethane	7.345	117	47057	47.487	ng		99
19) n-Nitroso-di-n-propyla...	7.257	70	109143	60.766	ng		97
20) 3+4-Methylphenols	7.257	107	102267	41.421	ng	#	87
22) Acetophenone	7.251	105	191497	55.381	ng		96
24) Nitrobenzene	7.428	77	160409	54.575	ng		99
25) Isophorone	7.663	82	288983	58.590	ng		98
26) 2-Nitrophenol	7.745	139	73417	58.057	ng		96
27) 2,4-Dimethylphenol	7.781	122	88442	58.455	ng		97
28) bis(2-Chloroethoxy)met...	7.869	93	165927	55.243	ng		99
29) 2,4-Dichlorophenol	7.992	162	110652	56.914	ng		98
30) 1,2,4-Trichlorobenzene	8.063	180	117596	52.413	ng		98
31) Naphthalene	8.145	128	401018	53.947	ng		100
32) Benzoic acid	7.904	122	15498	13.031	ng		97
33) 4-Chloroaniline	8.198	127	84924	34.034	ng		99
34) Hexachlorobutadiene	8.251	225	67737	49.844	ng		99
35) Caprolactam	8.581	113	6516	11.232	ng		99
36) 4-Chloro-3-methylphenol	8.687	107	122411	55.092	ng		100
37) 2-Methylnaphthalene	8.834	142	266959	56.864	ng		99
38) 1-Methylnaphthalene	8.934	142	247829	53.872	ng		98
40) 1,2,4,5-Tetrachloroben...	8.998	216	115492	53.970	ng		98
41) Hexachlorocyclopentadiene	8.981	237	65087	111.872	ng		99
43) 2,4,6-Trichlorophenol	9.116	196	73880	56.624	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	77298	54.192	ng		99
46) 1,1'-Biphenyl	9.298	154	320798	53.172	ng		99
47) 2-Chloronaphthalene	9.322	162	252650	56.305	ng		99
48) 2-Nitroaniline	9.428	65	93263	61.309	ng		96
49) Acenaphthylene	9.739	152	393926	61.898	ng		100
50) Dimethylphthalate	9.598	163	298344	60.569	ng		99
51) 2,6-Dinitrotoluene	9.669	165	65187	58.640	ng		89
52) Acenaphthene	9.910	154	240033	56.108	ng		99
53) 3-Nitroaniline	9.839	138	45214	39.344	ng		98
54) 2,4-Dinitrophenol	9.957	184	55250	107.968	ng		86
55) Dibenzofuran	10.081	168	360390	59.678	ng		98
56) 4-Nitrophenol	10.022	139	18616	26.938	ng	#	80
57) 2,4-Dinitrotoluene	10.075	165	84878	59.846	ng	#	84
58) Fluorene	10.428	166	283666	58.986	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	59655	54.705	ng		95
60) Diethylphthalate	10.298	149	282751	60.541	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	140253	59.299	ng		97
62) 4-Nitroaniline	10.457	138	55069	50.425	ng		88
63) Azobenzene	10.575	77	301627	58.230	ng		97
65) 4,6-Dinitro-2-methylph...	10.486	198	43757	61.301	ng		93
66) n-Nitrosodiphenylamine	10.533	169	238040	65.089	ng		100
67) 4-Bromophenyl-phenylether	10.904	248	78988	62.355	ng		99
68) Hexachlorobenzene	10.975	284	81780	62.527	ng		96
69) Atrazine	11.063	200	61671	65.360	ng		97
70) Pentachlorophenol	11.175	266	47945	81.327	ng		94
71) Phenanthrene	11.386	178	378058	62.753	ng		100
72) Anthracene	11.439	178	374504	63.101	ng		99
73) Carbazole	11.598	167	288639	56.370	ng		98
74) Di-n-butylphthalate	11.916	149	366812	63.725	ng		99
75) Fluoranthene	12.575	202	307947	54.753	ng		99
77) Benzidine	12.698	184	7257	4.565	ng	#	96
78) Pyrene	12.804	202	304771	48.700	ng		100
80) Butylbenzylphthalate	13.410	149	118626	59.193	ng		98
81) Benzo(a)anthracene	13.992	228	275804	60.257	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	66247	56.558	ng		95
83) Chrysene	14.027	228	256550	62.127	ng		100
84) Bis(2-ethylhexyl)phtha...	13.963	149	169927	57.905	ng		98
85) Di-n-octyl phthalate	14.574	149	307742	56.680	ng		100
87) Indeno(1,2,3-cd)pyrene	16.945	276	286427	51.380	ng		97
88) Benzo(b)fluoranthene	15.039	252	284852	59.071	ng		98
89) Benzo(k)fluoranthene	15.068	252	279472	66.938	ng		98
90) Benzo(a)pyrene	15.404	252	267531	65.957	ng		99
91) Dibenzo(a,h)anthracene	16.951	278	232405	50.787	ng		96
92) Benzo(g,h,i)perylene	17.386	276	203733	42.904	ng		96

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

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