Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
Data File : BF138910.D
Acq On : 10 Aug 2024 15:19
Operator : RC/JU
Sample : P3415-05MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MLS-15-70-85MSD

Quant Time: Aug 12 01:15:24 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	6.839	152	34319	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	136930	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	78360	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	126223	20.000	ng		0.00
76) Chrysene-d12	14.004	240	61844	20.000	ng	#	0.00
86) Perylene-d12	15.462	264	75440	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	146609	65.944	ng		0.00
7) Phenol-d6	6.481	99	119931	40.179	ng		0.00
23) Nitrobenzene-d5	7.410	82	328961	117.457	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	110307	171.852	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	596395	114.355	ng		0.00
79) Terphenyl-d14	12.939	244	467324	126.516	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	17933	18.424	ng	#	96
3) Pyridine	3.393	79	40517	17.184	ng	#	93
4) n-Nitrosodimethylamine	3.334	42	35407	25.213	ng		88
6) Aniline	6.504	93	101978	38.309	ng		98
8) 2-Chlorophenol	6.634	128	113652	48.588	ng		96
9) Benzaldehyde	6.398	77	7361	4.114	ng		96
10) Phenol	6.498	94	53850	17.135	ng	#	28
11) bis(2-Chloroethyl)ether	6.575	93	134856	55.761	ng		99
12) 1,3-Dichlorobenzene	6.781	146	115351	44.055	ng		99
13) 1,4-Dichlorobenzene	6.857	146	120754	45.699	ng		99
14) 1,2-Dichlorobenzene	7.010	146	115518	46.778	ng		99
15) Benzyl Alcohol	6.987	79	86092	40.017	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	226127	54.330	ng		72
17) 2-Methylphenol	7.104	107	75356	39.014	ng	#	76
18) Hexachloroethane	7.345	117	42654	42.883	ng		97
19) n-Nitroso-di-n-propyla...	7.257	70	115206	63.903	ng		98
20) 3+4-Methylphenols	7.257	107	91451	36.902	ng	#	81
22) Acetophenone	7.251	105	200827	59.900	ng		96
24) Nitrobenzene	7.428	77	168103	58.985	ng		100
25) Isophorone	7.663	82	306004	63.987	ng		99
26) 2-Nitrophenol	7.739	139	74274	60.576	ng		91
27) 2,4-Dimethylphenol	7.781	122	88603	60.397	ng		96
28) bis(2-Chloroethoxy)met...	7.869	93	175308	60.196	ng		98
29) 2,4-Dichlorophenol	7.986	162	110771	58.761	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	111789	51.387	ng		99
31) Naphthalene	8.145	128	386676	53.649	ng		100
32) Benzoic acid	7.904	122	10776	9.345	ng		90
33) 4-Chloroaniline	8.198	127	119569	49.421	ng		98
34) Hexachlorobutadiene	8.251	225	62246	47.240	ng		99
35) Caprolactam	8.581	113	5294	9.412	ng		96
36) 4-Chloro-3-methylphenol	8.681	107	120986	56.158	ng		98
37) 2-Methylnaphthalene	8.833	142	273197	60.017	ng		100
38) 1-Methylnaphthalene	8.933	142	253356	56.800	ng		100
40) 1,2,4,5-Tetrachloroben...	8.998	216	117267	53.873	ng		99
41) Hexachlorocyclopentadiene	8.980	237	59923	101.915	ng		97
43) 2,4,6-Trichlorophenol	9.116	196	77296	58.240	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	81165	55.941	ng		99
46) 1,1'-Biphenyl	9.298	154	334615	54.524	ng		99
47) 2-Chloronaphthalene	9.322	162	261936	57.388	ng		98
48) 2-Nitroaniline	9.428	65	100500	64.950	ng		98
49) Acenaphthylene	9.739	152	423271	65.385	ng		100
50) Dimethylphthalate	9.598	163	323255	64.516	ng		100
51) 2,6-Dinitrotoluene	9.669	165	70884	62.687	ng		90
52) Acenaphthene	9.910	154	256650	58.978	ng		100
53) 3-Nitroaniline	9.839	138	54781	46.863	ng		96
54) 2,4-Dinitrophenol	9.957	184	58919	113.191	ng		86
55) Dibenzofuran	10.080	168	387646	63.106	ng		98
56) 4-Nitrophenol	10.022	139	15355	21.844	ng	#	81
57) 2,4-Dinitrotoluene	10.075	165	94920	65.795	ng	#	86
58) Fluorene	10.427	166	310531	63.481	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	65463	59.016	ng		93
60) Diethylphthalate	10.298	149	321410	67.654	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	152513	63.393	ng		98
62) 4-Nitroaniline	10.457	138	64247	57.835	ng		90
63) Azobenzene	10.575	77	329824	62.596	ng		97
65) 4,6-Dinitro-2-methylph...	10.486	198	48982	63.607	ng		93
66) n-Nitrosodiphenylamine	10.539	169	262682	66.578	ng		100
67) 4-Bromophenyl-phenylether	10.904	248	86630	63.391	ng		97
68) Hexachlorobenzene	10.974	284	89039	63.102	ng		97
69) Atrazine	11.063	200	76382	75.036	ng		99
70) Pentachlorophenol	11.174	266	55582	87.392	ng		96
71) Phenanthrene	11.386	178	420471	64.693	ng		99
72) Anthracene	11.439	178	424700	66.329	ng		99
73) Carbazole	11.598	167	341348	61.793	ng		99
74) Di-n-butylphthalate	11.916	149	424896	68.422	ng		100
75) Fluoranthene	12.574	202	343933	56.683	ng		98
77) Benzidine	12.698	184	52963	35.805	ng		98
78) Pyrene	12.804	202	339029	58.224	ng		100
80) Butylbenzylphthalate	13.410	149	127185	68.209	ng		99
81) Benzo(a)anthracene	13.992	228	274945	64.561	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	77785	71.374	ng		99
83) Chrysene	14.027	228	254507	66.240	ng		99
84) Bis(2-ethylhexyl)phtha...	13.968	149	177348	64.952	ng		99
85) Di-n-octyl phthalate	14.574	149	322301	63.800	ng		100
87) Indeno(1,2,3-cd)pyrene	16.945	276	304166	56.261	ng		97
88) Benzo(b)fluoranthene	15.039	252	273251	58.430	ng		98
89) Benzo(k)fluoranthene	15.068	252	284230	70.197	ng		98
90) Benzo(a)pyrene	15.404	252	261332	66.435	ng		98
91) Dibenzo(a,h)anthracene	16.951	278	248466	55.987	ng		97
92) Benzo(g,h,i)perylene	17.386	276	220649	47.913	ng		95

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

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