Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
Data File : BF138894.D
Acq On : 09 Aug 2024 18:05
Operator : RC/JU
Sample : P3460-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11929MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 09 18:35:51 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	44718	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	183325	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	94560	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	134163	20.000	ng		0.00
76) Chrysene-d12	14.004	240	78755	20.000	ng	#	0.00
86) Perylene-d12	15.463	264	74009	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	282777	97.614	ng		0.01
7) Phenol-d6	6.487	99	368511	94.748	ng		0.00
23) Nitrobenzene-d5	7.410	82	246427	65.720	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	68680	88.668	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	452844	71.954	ng		0.00
79) Terphenyl-d14	12.939	244	318638	67.740	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	49355	38.915	ng		95
3) Pyridine	3.440	79	125813	40.951	ng		96
4) n-Nitrosodimethylamine	3.410	42	102674	56.112	ng		84
6) Aniline	6.504	93	100337	28.927	ng	#	1
8) 2-Chlorophenol	6.634	128	163400	53.611	ng		95
9) Benzaldehyde	6.399	77	6523	2.798	ng		98
10) Phenol	6.504	94	201404	49.182	ng		88
11) bis(2-Chloroethyl)ether	6.581	93	156914	49.794	ng		96
12) 1,3-Dichlorobenzene	6.781	146	166548	48.816	ng		97
13) 1,4-Dichlorobenzene	6.857	146	176456	51.250	ng		100
14) 1,2-Dichlorobenzene	7.010	146	164804	51.217	ng		100
15) Benzyl Alcohol	6.993	79	154052	54.955	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	264280	48.731	ng		55
17) 2-Methylphenol	7.104	107	128987	51.251	ng	#	88
18) Hexachloroethane	7.345	117	66905	51.623	ng		97
19) n-Nitroso-di-n-propyla...	7.257	70	128209	54.578	ng		99
20) 3+4-Methylphenols	7.263	107	171164	53.007	ng	#	74
22) Acetophenone	7.251	105	222196	49.501	ng		99
24) Nitrobenzene	7.428	77	186093	48.773	ng		99
25) Isophorone	7.669	82	331387	51.758	ng		99
26) 2-Nitrophenol	7.745	139	85419	52.035	ng		94
27) 2,4-Dimethylphenol	7.781	122	108934	55.463	ng		97
28) bis(2-Chloroethoxy)met...	7.869	93	198250	50.846	ng		99
29) 2,4-Dichlorophenol	7.987	162	131400	52.064	ng		98
30) 1,2,4-Trichlorobenzene	8.063	180	145207	49.856	ng		98
31) Naphthalene	8.145	128	477459	49.479	ng		99
32) Benzoic acid	7.904	122	16884	10.936	ng		95
33) 4-Chloroaniline	8.198	127	59797	18.461	ng		98
34) Hexachlorobutadiene	8.251	225	91661	51.959	ng		99
35) Caprolactam	8.581	113	33429m	44.390	ng		
36) 4-Chloro-3-methylphenol	8.692	107	150446	52.160	ng		98
37) 2-Methylnaphthalene	8.834	142	311259	51.074	ng		99
38) 1-Methylnaphthalene	8.934	142	284820	47.694	ng		98
40) 1,2,4,5-Tetrachloroben...	8.998	216	133209	50.712	ng		99
41) Hexachlorocyclopentadiene	8.981	237	67758	95.936	ng		99
43) 2,4,6-Trichlorophenol	9.122	196	82897	51.760	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	88105	50.321	ng		98
46) 1,1'-Biphenyl	9.298	154	363365	49.065	ng		99
47) 2-Chloronaphthalene	9.322	162	287796	52.251	ng		100
48) 2-Nitroaniline	9.428	65	103139	55.236	ng		97
49) Acenaphthylene	9.739	152	432600	55.377	ng		99
50) Dimethylphthalate	9.598	163	351576	58.147	ng		99
51) 2,6-Dinitrotoluene	9.669	165	73589	53.930	ng		90
52) Acenaphthene	9.910	154	259007	49.323	ng		98
53) 3-Nitroaniline	9.839	138	50483	35.788	ng		99
54) 2,4-Dinitrophenol	9.957	184	19701	31.364	ng		88
55) Dibenzofuran	10.081	168	388171	52.365	ng		98
56) 4-Nitrophenol	10.022	139	67057	79.051	ng		90
57) 2,4-Dinitrotoluene	10.075	165	96219	55.269	ng	#	85
58) Fluorene	10.428	166	305947	51.829	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	63933m	47.763	ng		
60) Diethylphthalate	10.298	149	338997	59.132	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	154361	53.169	ng		98
62) 4-Nitroaniline	10.457	138	63014	47.007	ng		90
63) Azobenzene	10.575	77	327024	51.432	ng		97
65) 4,6-Dinitro-2-methylph...	10.486	198	28134	34.372	ng		95
66) n-Nitrosodiphenylamine	10.539	169	260513	62.121	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	83392	57.410	ng		98
68) Hexachlorobenzene	10.969	284	83772	55.856	ng		99
69) Atrazine	11.063	200	75059	69.373	ng		97
70) Pentachlorophenol	11.175	266	38523	56.985	ng		99
71) Phenanthrene	11.386	178	374399	54.195	ng		100
72) Anthracene	11.439	178	373025	54.811	ng		99
73) Carbazole	11.598	167	298677	50.868	ng		99
74) Di-n-butylphthalate	11.916	149	437586	66.295	ng		100
75) Fluoranthene	12.575	202	314850	48.819	ng		98
77) Benzidine	12.698	184	76954	40.853	ng		99
78) Pyrene	12.804	202	312107	42.091	ng		99
80) Butylbenzylphthalate	13.410	149	140065	58.987	ng		100
81) Benzo(a)anthracene	13.992	228	288684	53.231	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	58200	41.936	ng		98
83) Chrysene	14.027	228	254129	51.939	ng		98
84) Bis(2-ethylhexyl)phtha...	13.963	149	207133	59.571	ng		98
85) Di-n-octyl phthalate	14.574	149	378547	58.843	ng		97
87) Indeno(1,2,3-cd)pyrene	16.939	276	199852	37.681	ng		96
88) Benzo(b)fluoranthene	15.039	252	258920	56.436	ng		97
89) Benzo(k)fluoranthene	15.069	252	240604	60.572	ng		98
90) Benzo(a)pyrene	15.404	252	217059	56.247	ng		98
91) Dibenzo(a,h)anthracene	16.945	278	158652	36.441	ng		97
92) Benzo(g,h,i)perylene	17.380	276	141685	31.361	ng		97

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

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