Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
Data File : BF138945.D
Acq On : 12 Aug 2024 20:58
Operator : RC/JU
Sample : P3506-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT4534MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

Quant Time: Aug 13 02:25:26 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	43510	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	180048	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	104155	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	181113	20.000	ng		0.00
76) Chrysene-d12	14.004	240	87039	20.000	ng	#	0.00
86) Perylene-d12	15.462	264	78700	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	481803	170.935	ng		0.03
7) Phenol-d6	6.498	99	630606	166.637	ng		0.01
23) Nitrobenzene-d5	7.410	82	431494	117.170	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	160633	188.278	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	776527	112.019	ng		0.00
79) Terphenyl-d14	12.945	244	741022	142.542	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.869	88	57114m	46.283	ng		
3) Pyridine	3.593	79	39989	13.377	ng		94
4) n-Nitrosodimethylamine	3.499	42	123055	69.117	ng		87
6) Aniline	6.516	93	58842	17.435	ng	#	1
8) 2-Chlorophenol	6.639	128	201291	67.877	ng		97
9) Benzaldehyde	6.410	77	2552	1.125	ng		96
10) Phenol	6.510	94	249616	62.648	ng		98
11) bis(2-Chloroethyl)ether	6.581	93	188784	61.570	ng		99
12) 1,3-Dichlorobenzene	6.781	146	198745	59.871	ng		98
13) 1,4-Dichlorobenzene	6.857	146	205567	61.363	ng		99
14) 1,2-Dichlorobenzene	7.010	146	192879	61.606	ng		99
15) Benzyl Alcohol	6.998	79	187454	68.727	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	314257	59.555	ng	#	50
17) 2-Methylphenol	7.110	107	160737	65.640	ng	#	84
18) Hexachloroethane	7.345	117	77947	61.812	ng		98
19) n-Nitroso-di-n-propyla...	7.263	70	159453	69.762	ng		99
20) 3+4-Methylphenols	7.263	107	219937	70.002	ng	#	88
22) Acetophenone	7.257	105	276088	62.627	ng		98
24) Nitrobenzene	7.428	77	231606	61.806	ng		99
25) Isophorone	7.669	82	419568	66.723	ng		98
26) 2-Nitrophenol	7.745	139	107359	66.591	ng		95
27) 2,4-Dimethylphenol	7.786	122	140485	72.829	ng		99
28) bis(2-Chloroethoxy)met...	7.869	93	241077	62.955	ng		99
29) 2,4-Dichlorophenol	7.992	162	171126	69.038	ng		100
30) 1,2,4-Trichlorobenzene	8.063	180	174186	60.894	ng		99
31) Naphthalene	8.145	128	587962	62.040	ng		100
32) Benzoic acid	7.951	122	92675	61.119	ng		94
33) 4-Chloroaniline	8.210	127	33692	10.591	ng		96
34) Hexachlorobutadiene	8.251	225	106535	61.489	ng		98
35) Caprolactam	8.598	113	40544m	54.818	ng		
36) 4-Chloro-3-methylphenol	8.698	107	197825	69.834	ng		98
37) 2-Methylnaphthalene	8.833	142	385876	64.470	ng		99
38) 1-Methylnaphthalene	8.933	142	361688	61.668	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	165225	57.106	ng		98
41) Hexachlorocyclopentadiene	8.981	237	116358	145.676	ng		98
43) 2,4,6-Trichlorophenol	9.122	196	111831	63.393	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	120447	62.456	ng		98
46) 1,1'-Biphenyl	9.298	154	465569	57.074	ng		99
47) 2-Chloronaphthalene	9.328	162	364755	60.123	ng		99
48) 2-Nitroaniline	9.433	65	128688	62.569	ng		100
49) Acenaphthylene	9.739	152	584193	67.893	ng		99
50) Dimethylphthalate	9.604	163	460491	69.145	ng		99
51) 2,6-Dinitrotoluene	9.675	165	96406	64.143	ng		91
52) Acenaphthene	9.910	154	357892	61.875	ng		99
53) 3-Nitroaniline	9.845	138	21698	13.965	ng		98
54) 2,4-Dinitrophenol	9.963	184	104160	150.547	ng		85
55) Dibenzofuran	10.086	168	527333	64.585	ng		99
56) 4-Nitrophenol	10.033	139	89654	95.953	ng		91
57) 2,4-Dinitrotoluene	10.080	165	133283	69.506	ng	#	81
58) Fluorene	10.427	166	431422	66.352	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	101585	68.900	ng		94
60) Diethylphthalate	10.304	149	450053	71.271	ng		100
61) 4-Chlorophenyl-phenyle...	10.416	204	212129	66.336	ng		97
62) 4-Nitroaniline	10.463	138	75347m	51.029	ng		
63) Azobenzene	10.575	77	467778	66.791	ng		97
65) 4,6-Dinitro-2-methylph...	10.498	198	74587	67.503	ng		98
66) n-Nitrosodiphenylamine	10.539	169	338925	59.868	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	124883	63.687	ng		98
68) Hexachlorobenzene	10.975	284	125000	61.740	ng		100
69) Atrazine	11.063	200	65624	44.930	ng		97
70) Pentachlorophenol	11.180	266	114300	125.248	ng		98
71) Phenanthrene	11.392	178	601565	64.505	ng		100
72) Anthracene	11.445	178	611705	66.582	ng		99
73) Carbazole	11.598	167	463816	58.516	ng		98
74) Di-n-butylphthalate	11.916	149	672570	75.481	ng		99
75) Fluoranthene	12.574	202	550120	63.187	ng		99
77) Benzidine	12.716	184	8577m	4.120	ng		
78) Pyrene	12.804	202	543470	66.317	ng		100
80) Butylbenzylphthalate	13.416	149	196131	74.738	ng		98
81) Benzo(a)anthracene	13.992	228	376821	62.870	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	20420	13.313	ng		98
83) Chrysene	14.033	228	345848	63.958	ng		98
84) Bis(2-ethylhexyl)phtha...	13.963	149	251324	65.401	ng		98
85) Di-n-octyl phthalate	14.574	149	399068	56.129	ng		100
87) Indeno(1,2,3-cd)pyrene	16.951	276	335211	59.435	ng		97
88) Benzo(b)fluoranthene	15.039	252	342951	70.297	ng		99
89) Benzo(k)fluoranthene	15.068	252	281851	66.726	ng		99
90) Benzo(a)pyrene	15.410	252	286494	69.815	ng		98
91) Dibenzo(a,h)anthracene	16.956	278	276702	59.767	ng		97
92) Benzo(g,h,i)perylene	17.392	276	240603	50.082	ng		95

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

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