Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070924\
Data File : BF138484.D
Acq On : 09 Jul 2024 13:27
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 16:43:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:32:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	94694	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	376158	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	213441	20.000	ng		0.00
64) Phenanthrene-d10	11.386	188	379587	20.000	ng		0.00
76) Chrysene-d12	14.022	240	228820	20.000	ng		0.00
86) Perylene-d12	15.486	264	163195	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	126429	21.145	ng		0.00
7) Phenol-d6	6.498	99	165980	20.868	ng		0.00
23) Nitrobenzene-d5	7.422	82	156565	20.436	ng		-0.01
42) 2,4,6-Tribromophenol	10.686	330	42379	21.245	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	299428	21.925	ng		0.00
79) Terphenyl-d14	12.963	244	275452	19.611	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	26667	10.070	ng		99
3) Pyridine	3.399	79	64869	9.933	ng		94
4) n-Nitrosodimethylamine	3.334	42	41351	9.727	ng	#	94
6) Aniline	6.528	93	76486	10.267	ng		98
8) 2-Chlorophenol	6.651	128	64703	10.234	ng		99
9) Benzaldehyde	6.416	77	46870	11.009	ng		96
10) Phenol	6.510	94	89321	10.580	ng		89
11) bis(2-Chloroethyl)ether	6.598	93	64391	10.130	ng		97
12) 1,3-Dichlorobenzene	6.804	146	74663	10.506	ng		98
13) 1,4-Dichlorobenzene	6.881	146	74806	10.366	ng		98
14) 1,2-Dichlorobenzene	7.034	146	71869	10.693	ng		99
15) Benzyl Alcohol	7.004	79	61036	10.225	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.140	45	131372	10.510	ng		98
17) 2-Methylphenol	7.116	107	52946	10.218	ng		97
18) Hexachloroethane	7.375	117	27025	10.187	ng		91
19) n-Nitroso-di-n-propyla...	7.269	70	50559	10.287	ng		97
20) 3+4-Methylphenols	7.269	107	70352	10.782	ng		91
22) Acetophenone	7.269	105	98410	10.772	ng		98
24) Nitrobenzene	7.445	77	79163	10.168	ng		96
25) Isophorone	7.681	82	135367	10.289	ng		98
26) 2-Nitrophenol	7.763	139	31571	9.461	ng		96
27) 2,4-Dimethylphenol	7.798	122	42016	10.245	ng		99
28) bis(2-Chloroethoxy)met...	7.892	93	79875	10.158	ng		98
29) 2,4-Dichlorophenol	8.004	162	54134	10.164	ng		98
30) 1,2,4-Trichlorobenzene	8.087	180	64593	10.411	ng		98
31) Naphthalene	8.169	128	205496	10.504	ng		99
32) Benzoic acid	7.881	122	34973m	8.984	ng		
33) 4-Chloroaniline	8.216	127	69315	10.098	ng		98
34) Hexachlorobutadiene	8.281	225	39510	10.341	ng		98
35) Caprolactam	8.557	113	17516	10.187	ng		96
36) 4-Chloro-3-methylphenol	8.698	107	61427	10.302	ng		99
37) 2-Methylnaphthalene	8.857	142	133291	10.587	ng		96
38) 1-Methylnaphthalene	8.957	142	130101	10.589	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	62339	10.479	ng		99
41) Hexachlorocyclopentadiene	9.010	237	15157	7.850	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	38206	10.069	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	41762	10.006	ng		98
46) 1,1'-Biphenyl	9.322	154	170581	10.546	ng		99
47) 2-Chloronaphthalene	9.345	162	128063	10.480	ng		99
48) 2-Nitroaniline	9.439	65	41955	9.908	ng		89
49) Acenaphthylene	9.763	152	184959	10.661	ng		98
50) Dimethylphthalate	9.616	163	145179	10.519	ng		99
51) 2,6-Dinitrotoluene	9.681	165	32010	10.073	ng		87
52) Acenaphthene	9.934	154	122290	10.604	ng		99
53) 3-Nitroaniline	9.851	138	32959	10.119	ng		97
54) 2,4-Dinitrophenol	9.957	184	11172	10.836	ng		98
55) Dibenzofuran	10.104	168	178889	10.694	ng		98
56) 4-Nitrophenol	10.016	139	23578	9.811	ng		90
57) 2,4-Dinitrotoluene	10.086	165	41064	9.987	ng		85
58) Fluorene	10.445	166	141353	10.680	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	33173	10.071	ng		98
60) Diethylphthalate	10.316	149	140966	10.595	ng		98
61) 4-Chlorophenyl-phenyle...	10.439	204	71819	10.806	ng		96
62) 4-Nitroaniline	10.457	138	33104	10.143	ng		99
63) Azobenzene	10.598	77	150161	10.497	ng		99
65) 4,6-Dinitro-2-methylph...	10.492	198	18735	8.548	ng		91
66) n-Nitrosodiphenylamine	10.557	169	119442	10.503	ng		98
67) 4-Bromophenyl-phenylether	10.928	248	40457	10.370	ng		99
68) Hexachlorobenzene	10.992	284	45371	10.468	ng		98
69) Atrazine	11.081	200	39252	10.410	ng		97
70) Pentachlorophenol	11.192	266	23450	9.143	ng		97
71) Phenanthrene	11.410	178	206805	10.784	ng		98
72) Anthracene	11.463	178	203549	10.693	ng		99
73) Carbazole	11.616	167	186497	10.902	ng		97
74) Di-n-butylphthalate	11.945	149	207225	10.509	ng		99
75) Fluoranthene	12.598	202	217995	11.140	ng		99
77) Benzidine	12.716	184	59845	10.366	ng		98
78) Pyrene	12.827	202	223806	9.635	ng		100
80) Butylbenzylphthalate	13.439	149	64918	9.291	ng		98
81) Benzo(a)anthracene	14.010	228	156087	10.166	ng		99
82) 3,3'-Dichlorobenzidine	13.974	252	39629	10.017	ng		100
83) Chrysene	14.045	228	148845	10.248	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	65644	8.809	ng	#	99
85) Di-n-octyl phthalate	14.610	149	94267	8.007	ng		95
87) Indeno(1,2,3-cd)pyrene	16.945	276	98920	9.024	ng		100
88) Benzo(b)fluoranthene	15.057	252	99874	10.867	ng		98
89) Benzo(k)fluoranthene	15.086	252	99163	11.063	ng		98
90) Benzo(a)pyrene	15.421	252	81861	10.139	ng		100
91) Dibenzo(a,h)anthracene	16.968	278	81510	9.090	ng		100
92) Benzo(g,h,i)perylene	17.392	276	85594	9.002	ng		97

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

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