Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061224\
Data File : BF138188.D
Acq On : 12 Jun 2024 12:10
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 13 01:39:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:38:18 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	337548	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	1306703	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	725460	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	1288496	20.000	ng		0.00
76) Chrysene-d12	14.045	240	888121	20.000	ng		0.00
86) Perylene-d12	15.521	264	684057	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	214181	10.614	ng		-0.01
7) Phenol-d6	6.504	99	276316	10.799	ng		-0.02
23) Nitrobenzene-d5	7.445	82	215183	9.587	ng		-0.01
42) 2,4,6-Tribromophenol	10.710	330	69832	9.669	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	555327	12.172	ng		0.00
79) Terphenyl-d14	12.992	244	624147	11.131	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	47197	5.111	ng		97
3) Pyridine	3.440	79	113493	5.171	ng		99
4) n-Nitrosodimethylamine	3.381	42	51918	5.111	ng	#	92
6) Aniline	6.551	93	131016m	5.233	ng		
8) 2-Chlorophenol	6.669	128	114183	5.234	ng		95
10) Phenol	6.516	94	134250	5.170	ng		96
11) bis(2-Chloroethyl)ether	6.622	93	110606	5.322	ng		98
12) 1,3-Dichlorobenzene	6.834	146	134506	5.425	ng		98
13) 1,4-Dichlorobenzene	6.910	146	136603	5.475	ng		97
14) 1,2-Dichlorobenzene	7.063	146	128191	5.473	ng		96
15) Benzyl Alcohol	7.022	79	87577	5.076	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	155390	5.298	ng		99
17) 2-Methylphenol	7.134	107	88670	5.152	ng		99
18) Hexachloroethane	7.404	117	42314	5.006	ng		90
19) n-Nitroso-di-n-propyla...	7.292	70	80512	5.308	ng		93
20) 3+4-Methylphenols	7.287	107	117808	5.438	ng	#	88
22) Acetophenone	7.292	105	163726	5.485	ng	#	96
24) Nitrobenzene	7.469	77	114419	4.932	ng		99
25) Isophorone	7.704	82	211084	5.199	ng		98
26) 2-Nitrophenol	7.787	139	30725	3.294	ng		95
27) 2,4-Dimethylphenol	7.816	122	71472	5.036	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	134135	5.278	ng		99
29) 2,4-Dichlorophenol	8.022	162	87869	4.809	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	114796	5.327	ng		98
31) Naphthalene	8.192	128	360263	5.576	ng		98
33) 4-Chloroaniline	8.239	127	124764	5.166	ng		99
34) Hexachlorobutadiene	8.310	225	67563	5.361	ng		99
35) Caprolactam	8.563	113	25453	4.614	ng		90
36) 4-Chloro-3-methylphenol	8.710	107	91032	5.004	ng		99
37) 2-Methylnaphthalene	8.886	142	235457	5.553	ng		99
38) 1-Methylnaphthalene	8.981	142	233269	5.613	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	112560	5.310	ng		98
41) Hexachlorocyclopentadiene	9.039	237	27616	3.995	ng		96
43) 2,4,6-Trichlorophenol	9.157	196	61001	4.596	ng		97
44) 2,4,5-Trichlorophenol	9.192	196	69859	4.792	ng		98
46) 1,1'-Biphenyl	9.345	154	295356	5.548	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.369	162	228239	5.425	ng		97
48) 2-Nitroaniline	9.463	65	38161	3.766	ng		97
49) Acenaphthylene	9.786	152	317083	5.375	ng		97
50) Dimethylphthalate	9.639	163	238988	5.377	ng		99
51) 2,6-Dinitrotoluene	9.704	165	38481	3.991	ng		98
52) Acenaphthene	9.957	154	216204	5.375	ng		100
53) 3-Nitroaniline	9.869	138	44285	4.299	ng	#	93
55) Dibenzofuran	10.128	168	312685	5.560	ng		97
56) 4-Nitrophenol	10.016	139	31510	3.871	ng		94
57) 2,4-Dinitrotoluene	10.104	165	43725	3.676	ng		89
58) Fluorene	10.475	166	252107	5.702	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	53337	4.682	ng		98
60) Diethylphthalate	10.339	149	224464	5.321	ng		96
61) 4-Chlorophenyl-phenyle...	10.469	204	124707	5.663	ng		96
62) 4-Nitroaniline	10.475	138	45755	4.445	ng		96
63) Azobenzene	10.622	77	226909	5.369	ng		99
66) n-Nitrosodiphenylamine	10.580	169	208418	5.283	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	73050	5.031	ng		92
68) Hexachlorobenzene	11.016	284	88475	5.222	ng		98
69) Atrazine	11.104	200	58279	5.187	ng		97
70) Pentachlorophenol	11.210	266	39398	3.987	ng		98
71) Phenanthrene	11.433	178	354781	5.568	ng		98
72) Anthracene	11.486	178	347534	5.493	ng		96
73) Carbazole	11.639	167	319392	5.504	ng		98
74) Di-n-butylphthalate	11.975	149	302621	5.038	ng		97
75) Fluoranthene	12.622	202	361151	5.558	ng		96
77) Benzidine	12.745	184	44368	4.319	ng		99
78) Pyrene	12.851	202	385376	5.031	ng		97
80) Butylbenzylphthalate	13.469	149	76444	3.669	ng		91
81) Benzo(a)anthracene	14.039	228	300907	5.281	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	78822	5.024	ng	#	97
83) Chrysene	14.069	228	284710	5.242	ng		98
84) Bis(2-ethylhexyl)phtha...	14.033	149	89152	3.679	ng		98
87) Indeno(1,2,3-cd)pyrene	16.992	276	170112	3.815	ng		100
88) Benzo(b)fluoranthene	15.086	252	210440	5.217	ng		99
89) Benzo(k)fluoranthene	15.115	252	217408	5.499	ng		99
90) Benzo(a)pyrene	15.451	252	171029	4.935	ng		98
91) Dibenzo(a,h)anthracene	17.015	278	142684	3.898	ng		96
92) Benzo(g,h,i)perylene	17.439	276	143109	3.779	ng		98

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

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