Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101524\
Data File : BF139806.D
Acq On : 15 Oct 2024 11:48
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024

Quant Time: Oct 15 16:24:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:37:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	88591	20.000	ng		0.00
21) Naphthalene-d8	8.134	136	338669	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	185932	20.000	ng		0.00
64) Phenanthrene-d10	11.375	188	333030	20.000	ng		0.00
76) Chrysene-d12	14.010	240	149774	20.000	ng		0.00
86) Perylene-d12	15.480	264	137953	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	58296	11.103	ng		0.00
7) Phenol-d6	6.481	99	79983	11.454	ng		-0.01
23) Nitrobenzene-d5	7.410	82	70625	10.733	ng		-0.01
42) 2,4,6-Tribromophenol	10.675	330	17351	11.065	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	145247	11.684	ng		0.00
79) Terphenyl-d14	12.957	244	122260	7.823	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	12932	5.660	ng		97
3) Pyridine	3.375	79	29909	5.350	ng		98
4) n-Nitrosodimethylamine	3.299	42	18017	5.426	ng	#	96
6) Aniline	6.516	93	33990	5.649	ng		95
8) 2-Chlorophenol	6.640	128	31207	5.630	ng		97
9) Benzaldehyde	6.404	77	23660	6.032	ng		98
10) Phenol	6.498	94	41257	5.629	ng		94
11) bis(2-Chloroethyl)ether	6.587	93	30131	5.512	ng		97
12) 1,3-Dichlorobenzene	6.793	146	35678	5.692	ng		99
13) 1,4-Dichlorobenzene	6.869	146	35486	5.644	ng		99
14) 1,2-Dichlorobenzene	7.022	146	33038	5.663	ng		98
15) Benzyl Alcohol	6.993	79	27236	5.419	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.128	45	54309	5.670	ng		92
17) 2-Methylphenol	7.104	107	24379	5.436	ng		98
18) Hexachloroethane	7.363	117	12242	5.374	ng		97
19) n-Nitroso-di-n-propyla...	7.257	70	22540	5.543	ng		96
20) 3+4-Methylphenols	7.263	107	33085	5.867	ng		99
22) Acetophenone	7.257	105	44155	5.556	ng		99
24) Nitrobenzene	7.434	77	36457	5.315	ng		98
25) Isophorone	7.669	82	60922	5.425	ng		99
26) 2-Nitrophenol	7.751	139	14433	4.833	ng		95
27) 2,4-Dimethylphenol	7.787	122	19762	5.445	ng		95
28) bis(2-Chloroethoxy)met...	7.881	93	37984	5.512	ng		99
29) 2,4-Dichlorophenol	7.998	162	24962	5.304	ng		99
30) 1,2,4-Trichlorobenzene	8.075	180	29451	5.496	ng		100
31) Naphthalene	8.157	128	96945	5.554	ng		100
32) Benzoic acid	7.863	122	14690	4.384	ng		98
33) 4-Chloroaniline	8.204	127	32251	5.634	ng		98
34) Hexachlorobutadiene	8.269	225	18663	5.488	ng		98
35) Caprolactam	8.540	113	7268	5.469	ng		97
36) 4-Chloro-3-methylphenol	8.687	107	26992	5.400	ng		98
37) 2-Methylnaphthalene	8.845	142	61279	5.600	ng		99
38) 1-Methylnaphthalene	8.945	142	59771	5.611	ng		97
40) 1,2,4,5-Tetrachloroben...	9.010	216	29486	5.460	ng		97
43) 2,4,6-Trichlorophenol	9.128	196	18079	5.266	ng		99
44) 2,4,5-Trichlorophenol	9.169	196	19164	5.209	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.310	154	78145	5.559	ng	100
47) 2-Chloronaphthalene	9.334	162	58354	5.433	ng	99
48) 2-Nitroaniline	9.428	65	17504	4.992	ng	98
49) Acenaphthylene	9.751	152	86906	5.509	ng	100
50) Dimethylphthalate	9.604	163	63886	5.613	ng	100
51) 2,6-Dinitrotoluene	9.669	165	13381	5.153	ng	94
52) Acenaphthene	9.922	154	55835m	5.589	ng	
53) 3-Nitroaniline	9.839	138	14281	5.516	ng	98
55) Dibenzofuran	10.092	168	84003	5.606	ng	100
56) 4-Nitrophenol	10.016	139	7255	4.655	ng	99
57) 2,4-Dinitrotoluene	10.075	165	17288	5.392	ng	99
58) Fluorene	10.434	166	68249	5.852	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	14899m	5.446	ng	
60) Diethylphthalate	10.304	149	64520	5.827	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	33188	5.759	ng	95
62) 4-Nitroaniline	10.445	138	13215	5.581	ng	98
63) Azobenzene	10.586	77	64955	5.627	ng	98
66) n-Nitrosodiphenylamine	10.545	169	54950	5.216	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	18085	5.040	ng	95
68) Hexachlorobenzene	10.981	284	21439	5.342	ng	98
69) Atrazine	11.069	200	14782	7.517	ng	98
70) Pentachlorophenol	11.181	266	6851	3.991	ng	98
71) Phenanthrene	11.398	178	89740	5.641	ng	99
72) Anthracene	11.451	178	86749	5.550	ng	99
73) Carbazole	11.604	167	79429	5.743	ng	99
74) Di-n-butylphthalate	11.933	149	88063	5.860	ng	99
75) Fluoranthene	12.586	202	90406	6.023	ng	98
77) Benzidine	12.710	184	15228	6.087	ng	97
78) Pyrene	12.816	202	87104	5.916	ng	100
80) Butylbenzylphthalate	13.433	149	21465	5.378	ng	100
81) Benzo(a)anthracene	14.004	228	55377	5.566	ng	97
82) 3,3'-Dichlorobenzidine	13.969	252	15636	4.717	ng	100
83) Chrysene	14.039	228	48223	5.318	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	22656	4.400	ng	98
85) Di-n-octyl phthalate	14.598	149	38254	3.994	ng	100
87) Indeno(1,2,3-cd)pyrene	16.939	276	50575	5.475	ng	98
88) Benzo(b)fluoranthene	15.051	252	42322	5.348	ng	99
89) Benzo(k)fluoranthene	15.080	252	38133	5.430	ng	98
90) Benzo(a)pyrene	15.416	252	36279	5.249	ng	98
91) Dibenzo(a,h)anthracene	16.957	278	42391	5.596	ng	99
92) Benzo(g,h,i)perylene	17.386	276	43647	5.493	ng	99

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

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