Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
Data File : BF140975.D
Acq On : 26 Dec 2024 18:33
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

Quant Time: Dec 27 00:23:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:11:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	275845	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	1074985	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	568540	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	984477	20.000	ng		0.00
76) Chrysene-d12	13.986	240	594739	20.000	ng		0.00
86) Perylene-d12	15.445	264	515270	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1735294	94.827	ng		0.00
7) Phenol-d6	6.451	99	2240716	95.051	ng		0.00
23) Nitrobenzene-d5	7.398	82	1814319	107.979	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	561625	101.660	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	3208983	89.926	ng		0.00
79) Terphenyl-d14	12.939	244	3551774	99.194	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	404513	48.826	ng		100
3) Pyridine	3.304	79	961017	47.465	ng		100
4) n-Nitrosodimethylamine	3.257	42	511762	49.886	ng		98
6) Aniline	6.528	93	1020551m	48.540	ng		
8) 2-Chlorophenol	6.616	128	922056	47.791	ng		98
9) Benzaldehyde	6.381	77	546478	49.354	ng		98
10) Phenol	6.469	94	1160486	47.608	ng		98
11) bis(2-Chloroethyl)ether	6.569	93	976603	49.665	ng		97
12) 1,3-Dichlorobenzene	6.769	146	1008461	47.362	ng		99
13) 1,4-Dichlorobenzene	6.845	146	1018871	47.467	ng		99
14) 1,2-Dichlorobenzene	7.004	146	942310	47.085	ng		99
15) Benzyl Alcohol	6.969	79	826544	48.792	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	1412151	47.443	ng		100
17) 2-Methylphenol	7.075	107	775619	48.390	ng		99
18) Hexachloroethane	7.345	117	371106	48.670	ng		99
19) n-Nitroso-di-n-propyla...	7.251	70	681599	47.195	ng		98
20) 3+4-Methylphenols	7.233	107	956631	47.163	ng		91
22) Acetophenone	7.239	105	1233868	46.789	ng	#	95
24) Nitrobenzene	7.416	77	997447	53.126	ng		98
25) Isophorone	7.651	82	1758021	48.082	ng		99
26) 2-Nitrophenol	7.728	139	381135	49.366	ng		99
27) 2,4-Dimethylphenol	7.763	122	648052	48.497	ng		99
28) bis(2-Chloroethoxy)met...	7.863	93	1107863	47.823	ng		100
29) 2,4-Dichlorophenol	7.963	162	755436	49.847	ng		99
30) 1,2,4-Trichlorobenzene	8.051	180	815821	47.560	ng		99
31) Naphthalene	8.133	128	2656943	46.905	ng		100
32) Benzoic acid	7.880	122	533388	48.423	ng		98
33) 4-Chloroaniline	8.186	127	988410	48.233	ng		100
34) Hexachlorobutadiene	8.251	225	485520	48.012	ng		99
35) Caprolactam	8.551	113	251835m	48.876	ng		
36) 4-Chloro-3-methylphenol	8.651	107	817788	48.589	ng		99
37) 2-Methylnaphthalene	8.822	142	1691438	46.676	ng		100
38) 1-Methylnaphthalene	8.922	142	1659875	46.607	ng		100
40) 1,2,4,5-Tetrachloroben...	8.986	216	748540	47.857	ng		100
41) Hexachlorocyclopentadiene	8.975	237	268748	51.849	ng		99
43) 2,4,6-Trichlorophenol	9.092	196	505859	48.593	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	548701	51.514	ng		98
46) 1,1'-Biphenyl	9.286	154	2019837	46.398	ng		99
47) 2-Chloronaphthalene	9.310	162	1584423	46.928	ng		99
48) 2-Nitroaniline	9.404	65	434235	49.051	ng		95
49) Acenaphthylene	9.727	152	2300924	47.341	ng		99
50) Dimethylphthalate	9.592	163	1771217	47.363	ng		100
51) 2,6-Dinitrotoluene	9.645	165	382604	50.003	ng		96
52) Acenaphthene	9.898	154	1557911	47.414	ng		100
53) 3-Nitroaniline	9.816	138	410444	49.386	ng		96
54) 2,4-Dinitrophenol	9.916	184	121967	49.996	ng	#	6
55) Dibenzofuran	10.069	168	2165075	46.887	ng		99
56) 4-Nitrophenol	9.963	139	337300	52.728	ng		97
57) 2,4-Dinitrotoluene	10.051	165	463773	49.535	ng		100
58) Fluorene	10.410	166	1628964	45.492	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	436271	49.455	ng		100
60) Diethylphthalate	10.286	149	1748454	47.359	ng		100
61) 4-Chlorophenyl-phenyle...	10.404	204	796072	46.203	ng		99
62) 4-Nitroaniline	10.427	138	412091	49.614	ng		99
63) Azobenzene	10.569	77	1840946	47.507	ng		99
65) 4,6-Dinitro-2-methylph...	10.457	198	193168	48.976	ng		97
66) n-Nitrosodiphenylamine	10.522	169	1463039	47.193	ng		99
67) 4-Bromophenyl-phenylether	10.898	248	521276	48.981	ng		97
68) Hexachlorobenzene	10.957	284	567592	48.368	ng		98
69) Atrazine	11.051	200	362786	41.889	ng		98
70) Pentachlorophenol	11.145	266	383398	52.476	ng		99
71) Phenanthrene	11.374	178	2417558	46.658	ng		99
72) Anthracene	11.427	178	2370103	46.682	ng		100
73) Carbazole	11.574	167	2272076	46.552	ng		100
74) Di-n-butylphthalate	11.916	149	2595020	46.746	ng		100
75) Fluoranthene	12.557	202	2583438	45.972	ng		99
77) Benzidine	12.680	184	651097	51.801	ng		100
78) Pyrene	12.786	202	2651339	50.973	ng		100
80) Butylbenzylphthalate	13.415	149	1016502	53.519	ng		99
81) Benzo(a)anthracene	13.974	228	1991732	48.052	ng		100
82) 3,3'-Dichlorobenzidine	13.939	252	568561	45.655	ng		100
83) Chrysene	14.015	228	1774901	47.501	ng		99
84) Bis(2-ethylhexyl)phtha...	13.974	149	1230112	49.929	ng		100
85) Di-n-octyl phthalate	14.598	149	1740215	48.803	ng		99
87) Indeno(1,2,3-cd)pyrene	16.898	276	1799974	55.447	ng		100
88) Benzo(b)fluoranthene	15.021	252	1682869	46.828	ng		100
89) Benzo(k)fluoranthene	15.051	252	1382080	49.069	ng		100
90) Benzo(a)pyrene	15.386	252	1349208	48.370	ng		99
91) Dibenzo(a,h)anthracene	16.921	278	1451477	55.158	ng		99
92) Benzo(g,h,i)perylene	17.339	276	1537634	56.337	ng		99

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

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