Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
Data File : BF140769.D
Acq On : 06 Dec 2024 16:24
Operator : RC/JU
Sample : P5095-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024

Quant Time: Dec 06 15:46:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	74918	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	282088	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	153428	20.000	ng		-0.01
64) Phenanthrene-d10	11.398	188	263510	20.000	ng		0.00
76) Chrysene-d12	14.062	240	161244	20.000	ng		0.01
86) Perylene-d12	15.586	264	176806	20.000	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	553459	126.047	ng		0.02
7) Phenol-d6	6.522	99	661461	113.949	ng		0.00
23) Nitrobenzene-d5	7.434	82	504856	91.544	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	225468	137.403	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1010302	98.111	ng		-0.01
79) Terphenyl-d14	12.986	244	914819	88.344	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	69715	37.763	ng	#	81
3) Pyridine	3.546	79	119660	29.459	ng		97
4) n-Nitrosodimethylamine	3.463	42	96211	40.301	ng		91
6) Aniline	6.545	93	51531	12.612	ng	#	5
8) 2-Chlorophenol	6.669	128	215926	45.709	ng		95
9) Benzaldehyde	6.428	77	34387	11.190	ng		99
10) Phenol	6.534	94	230815	38.935	ng		88
11) bis(2-Chloroethyl)ether	6.604	93	210879	46.485	ng		99
12) 1,3-Dichlorobenzene	6.810	146	207821	39.152	ng		98
13) 1,4-Dichlorobenzene	6.886	146	215692	40.132	ng		99
14) 1,2-Dichlorobenzene	7.039	146	207407	41.183	ng		99
15) Benzyl Alcohol	7.022	79	192444	44.704	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.139	45	247581	46.197	ng	#	61
17) 2-Methylphenol	7.139	107	169656	44.865	ng		94
18) Hexachloroethane	7.375	117	78641	39.177	ng		97
19) n-Nitroso-di-n-propyla...	7.281	70	160085	46.663	ng		98
20) 3+4-Methylphenols	7.298	107	228625	47.037	ng	#	59
22) Acetophenone	7.281	105	310900	45.208	ng	#	92
24) Nitrobenzene	7.457	77	240401	42.177	ng		98
25) Isophorone	7.692	82	435913	47.390	ng		99
26) 2-Nitrophenol	7.769	139	118530	46.926	ng		97
27) 2,4-Dimethylphenol	7.810	122	179253m	59.312	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	265816	47.436	ng		100
29) 2,4-Dichlorophenol	8.028	162	191853	47.908	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	193834	42.392	ng		99
31) Naphthalene	8.175	128	646808	44.515	ng		99
32) Benzoic acid	7.951	122	95591	38.093	ng		99
33) 4-Chloroaniline	8.245	127	28907	6.645	ng		98
34) Hexachlorobutadiene	8.281	225	127306	42.036	ng		99
35) Caprolactam	8.598	113	45112m	36.401	ng		
36) 4-Chloro-3-methylphenol	8.722	107	202211	45.099	ng		98
37) 2-Methylnaphthalene	8.863	142	434554	47.086	ng		99
38) 1-Methylnaphthalene	8.963	142	403393	44.593	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	215081	47.885	ng		100
41) Hexachlorocyclopentadiene	9.010	237	137112	130.720	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	135696	48.146	ng		99

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QLast Update : Thu Nov 21 15:23:48 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	137167	44.843	ng	98
46) 1,1'-Biphenyl	9.327	154	551600	48.153	ng	99
47) 2-Chloronaphthalene	9.351	162	406975	46.888	ng	99
48) 2-Nitroaniline	9.457	65	121976	43.781	ng	96
49) Acenaphthylene	9.769	152	659461	50.285	ng	99
50) Dimethylphthalate	9.627	163	501806	49.661	ng	100
51) 2,6-Dinitrotoluene	9.698	165	104218	45.477	ng	94
52) Acenaphthene	9.939	154	401355	48.165	ng	99
53) 3-Nitroaniline	9.875	138	15040	6.710	ng	98
54) 2,4-Dinitrophenol	9.992	184	106769	88.984	ng	93
55) Dibenzofuran	10.116	168	601725	47.342	ng	100
56) 4-Nitrophenol	10.063	139	80052	52.369	ng	90
57) 2,4-Dinitrotoluene	10.104	165	134603	44.194	ng	95
58) Fluorene	10.457	166	479765	47.026	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	121175	51.546	ng	89
60) Diethylphthalate	10.327	149	494465	48.163	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	240718	48.078	ng	98
62) 4-Nitroaniline	10.486	138	85243	36.261	ng	93
63) Azobenzene	10.610	77	456893	46.994	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	71281	52.936	ng	94
66) n-Nitrosodiphenylamine	10.569	169	389034	49.923	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	140725	51.856	ng	97
68) Hexachlorobenzene	11.010	284	155358	49.441	ng	99
69) Atrazine	11.098	200	101020	46.081	ng	99
70) Pentachlorophenol	11.216	266	115566	83.563	ng	99
71) Phenanthrene	11.421	178	628711	49.635	ng	99
72) Anthracene	11.474	178	637931	51.486	ng	99
73) Carbazole	11.633	167	524052	43.965	ng	100
74) Di-n-butylphthalate	11.951	149	730848	53.109	ng	99
75) Fluoranthene	12.616	202	605447	44.024	ng	99
77) Benzidine	12.757	184	14663	3.128	ng	98
78) Pyrene	12.845	202	604644	40.556	ng	99
80) Butylbenzylphthalate	13.457	149	250579	46.656	ng	99
81) Benzo(a)anthracene	14.051	228	513574	48.116	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	35787	11.167	ng	98
83) Chrysene	14.092	228	482809	49.469	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	351739	51.865	ng	100
85) Di-n-octyl phthalate	14.668	149	594657	64.161	ng	98
87) Indeno(1,2,3-cd)pyrene	17.115	276	450857	39.129	ng	98
88) Benzo(b)fluoranthene	15.145	252	545849	49.152	ng	99
89) Benzo(k)fluoranthene	15.174	252	458892	47.220	ng	99
90) Benzo(a)pyrene	15.527	252	470488	52.105	ng	99
91) Dibenzo(a,h)anthracene	17.121	278	385134	40.814	ng	99
92) Benzo(g,h,i)perylene	17.574	276	305223	31.698	ng	99

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

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