Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139408.D
Acq On : 17 Sep 2024 18:04
Operator : RC/JU
Sample : P4002-03MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

Quant Time: Sep 18 00:46:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	60197	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	215551	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	100249	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	143841	20.000	ng		0.00
76) Chrysene-d12	14.033	240	92962	20.000	ng		0.00
86) Perylene-d12	15.504	264	65242	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	435024	117.892	ng		0.01
7) Phenol-d6	6.510	99	567473	117.164	ng		0.00
23) Nitrobenzene-d5	7.445	82	389561	84.963	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	105645	98.986	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	622406	87.077	ng		0.00
79) Terphenyl-d14	12.980	244	448624	79.212	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	60426	40.816	ng		99
3) Pyridine	3.487	79	152640	46.764	ng		98
4) n-Nitrosodimethylamine	3.446	42	128329	45.360	ng		95
6) Aniline	6.540	93	87684	23.989	ng	#	42
8) 2-Chlorophenol	6.663	128	182858	48.141	ng		100
9) Benzaldehyde	6.428	77	40529	14.483	ng		98
10) Phenol	6.528	94	228806	46.383	ng		96
11) bis(2-Chloroethyl)ether	6.616	93	181198	48.329	ng		99
12) 1,3-Dichlorobenzene	6.822	146	199209	46.115	ng		99
13) 1,4-Dichlorobenzene	6.898	146	199044	45.596	ng		100
14) 1,2-Dichlorobenzene	7.051	146	191209	46.355	ng		98
15) Benzyl Alcohol	7.022	79	185534	48.014	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	313971	54.338	ng		95
17) 2-Methylphenol	7.134	107	146329	48.487	ng		99
18) Hexachloroethane	7.393	117	75326	45.303	ng		98
19) n-Nitroso-di-n-propyla...	7.293	70	147130	51.262	ng		100
20) 3+4-Methylphenols	7.287	107	190226	46.201	ng	#	85
22) Acetophenone	7.287	105	268113	47.579	ng		98
24) Nitrobenzene	7.463	77	216918	45.967	ng		98
25) Isophorone	7.698	82	367372	50.663	ng		98
26) 2-Nitrophenol	7.775	139	93493	50.853	ng		98
27) 2,4-Dimethylphenol	7.816	122	145547	60.016	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	213961	51.772	ng		97
29) 2,4-Dichlorophenol	8.022	162	145481	47.221	ng		100
30) 1,2,4-Trichlorobenzene	8.104	180	160928	44.830	ng		98
31) Naphthalene	8.187	128	531635	47.244	ng		100
32) Benzoic acid	7.928	122	93543	41.217	ng		96
33) 4-Chloroaniline	8.234	127	28037	8.144	ng		98
34) Hexachlorobutadiene	8.298	225	113147	46.394	ng		98
35) Caprolactam	8.598	113	40944m	43.203	ng		
36) 4-Chloro-3-methylphenol	8.716	107	154152	43.781	ng		97
37) 2-Methylnaphthalene	8.875	142	328542	45.997	ng		99
38) 1-Methylnaphthalene	8.975	142	300052	42.789	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	155821	52.446	ng		99
41) Hexachlorocyclopentadiene	9.022	237	73830	71.170	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	100204	51.840	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	96796	47.473	ng	99
46) 1,1'-Biphenyl	9.339	154	396412	51.399	ng	100
47) 2-Chloronaphthalene	9.363	162	281479	48.812	ng	99
48) 2-Nitroaniline	9.457	65	101170	47.169	ng	98
49) Acenaphthylene	9.775	152	434199	50.021	ng	100
50) Dimethylphthalate	9.634	163	342964	52.124	ng	100
51) 2,6-Dinitrotoluene	9.698	165	66908	45.902	ng	98
52) Acenaphthene	9.951	154	288079	47.551	ng	100
53) 3-Nitroaniline	9.863	138	36505	25.060	ng	95
54) 2,4-Dinitrophenol	9.969	184	38598	47.522	ng	97
55) Dibenzofuran	10.122	168	393053	46.548	ng	97
56) 4-Nitrophenol	10.028	139	94331	78.259	ng	91
57) 2,4-Dinitrotoluene	10.098	165	85032	43.209	ng	99
58) Fluorene	10.463	166	290831	42.213	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	72776	43.148	ng	98
60) Diethylphthalate	10.333	149	324176	47.743	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	149180	44.554	ng	98
62) 4-Nitroaniline	10.475	138	51920	32.657	ng	99
63) Azobenzene	10.616	77	317300	47.511	ng	94
65) 4,6-Dinitro-2-methylph...	10.504	198	24977	32.900	ng	97
66) n-Nitrosodiphenylamine	10.569	169	244279	58.087	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	77044	54.050	ng	99
68) Hexachlorobenzene	11.004	284	83349	49.822	ng	98
69) Atrazine	11.098	200	73003	72.917	ng	98
70) Pentachlorophenol	11.204	266	97753	97.381	ng	99
71) Phenanthrene	11.422	178	388238	55.944	ng	99
72) Anthracene	11.475	178	363745	53.609	ng	100
73) Carbazole	11.628	167	326541	50.283	ng	100
74) Di-n-butylphthalate	11.957	149	396886	54.863	ng	100
75) Fluoranthene	12.610	202	454875	61.378	ng	100
77) Benzidine	12.727	184	97506	73.210	ng	99
78) Pyrene	12.839	202	463693	58.092	ng	100
80) Butylbenzylphthalate	13.457	149	163632	60.227	ng	98
81) Benzo(a)anthracene	14.021	228	363067	58.961	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	58495	32.438	ng	99
83) Chrysene	14.063	228	305208	53.874	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	213127	61.664	ng	98
85) Di-n-octyl phthalate	14.621	149	309152	60.736	ng	100
87) Indeno(1,2,3-cd)pyrene	16.974	276	198653	51.206	ng	100
88) Benzo(b)fluoranthene	15.074	252	235023	58.410	ng	100
89) Benzo(k)fluoranthene	15.104	252	206320	55.612	ng	100
90) Benzo(a)pyrene	15.439	252	194622	58.321	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	151667	47.312	ng	99
92) Benzo(g,h,i)perylene	17.421	276	155724	49.061	ng	98

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

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