Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
Data File : BF140665.D
Acq On : 27 Nov 2024 13:11
Operator : RC/JU
Sample : P4938-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

Quant Time: Nov 27 13:40:48 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	67506	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	257356	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	150981	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	289856	20.000	ng		0.00
76) Chrysene-d12	14.045	240	174005	20.000	ng		0.00
86) Perylene-d12	15.533	264	127572	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	583008	147.355	ng		0.02
7) Phenol-d6	6.516	99	750305	143.446	ng		0.00
23) Nitrobenzene-d5	7.434	82	511223	101.607	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	265684	164.535	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1016572	100.320	ng		0.00
79) Terphenyl-d14	12.986	244	1126417	100.800	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.834	88	70873	42.605	ng	#	83
3) Pyridine	3.557	79	103595	28.304	ng		98
4) n-Nitrosodimethylamine	3.475	42	101851	47.347	ng		95
6) Aniline	6.539	93	48094	13.063	ng	#	2
8) 2-Chlorophenol	6.663	128	219816	51.641	ng		95
9) Benzaldehyde	6.428	77	19035	6.874	ng		98
10) Phenol	6.528	94	261968	49.042	ng		88
11) bis(2-Chloroethyl)ether	6.604	93	203243	49.721	ng		99
12) 1,3-Dichlorobenzene	6.810	146	200431	41.906	ng		99
13) 1,4-Dichlorobenzene	6.886	146	203820	42.087	ng		98
14) 1,2-Dichlorobenzene	7.039	146	198046	43.642	ng		100
15) Benzyl Alcohol	7.016	79	173973	44.850	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	237478	49.177	ng		83
17) 2-Methylphenol	7.134	107	177720	52.158	ng		97
18) Hexachloroethane	7.381	117	74916	41.419	ng		100
19) n-Nitroso-di-n-propyla...	7.281	70	161724	52.317	ng		98
20) 3+4-Methylphenols	7.286	107	237422	54.211	ng		91
22) Acetophenone	7.281	105	308447	49.161	ng		97
24) Nitrobenzene	7.457	77	240796	46.306	ng		97
25) Isophorone	7.692	82	436622	52.029	ng		99
26) 2-Nitrophenol	7.769	139	118547	51.443	ng		98
27) 2,4-Dimethylphenol	7.810	122	183172m	66.434	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	254267	49.735	ng		100
29) 2,4-Dichlorophenol	8.016	162	198689	54.383	ng		97
30) 1,2,4-Trichlorobenzene	8.092	180	187628	44.979	ng		99
31) Naphthalene	8.175	128	639545	48.245	ng		99
32) Benzoic acid	7.945	122	133651	54.548	ng		95
33) 4-Chloroaniline	8.251	127	33657	8.480	ng		97
34) Hexachlorobutadiene	8.286	225	123122	44.561	ng		100
35) Caprolactam	8.598	113	56687m	50.137	ng		
36) 4-Chloro-3-methylphenol	8.716	107	229769	56.170	ng		99
37) 2-Methylnaphthalene	8.863	142	440632	52.333	ng		100
38) 1-Methylnaphthalene	8.963	142	411551	49.867	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	215962	48.860	ng		99
41) Hexachlorocyclopentadiene	9.016	237	176756	168.986	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	150521	54.271	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	162302	53.920	ng		97
46) 1,1'-Biphenyl	9.328	154	571981	50.742	ng		100
47) 2-Chloronaphthalene	9.357	162	418566	49.005	ng		99
48) 2-Nitroaniline	9.457	65	139668	50.944	ng		96
49) Acenaphthylene	9.769	152	709484	54.976	ng		99
50) Dimethylphthalate	9.627	163	552625	55.576	ng		99
51) 2,6-Dinitrotoluene	9.698	165	116107	51.486	ng		95
52) Acenaphthene	9.945	154	435357	53.093	ng		100
53) 3-Nitroaniline	9.869	138	19381	8.787	ng		96
54) 2,4-Dinitrophenol	9.980	184	148581	122.598	ng		99
55) Dibenzofuran	10.116	168	668276	53.430	ng		99
56) 4-Nitrophenol	10.045	139	153740	102.205	ng		97
57) 2,4-Dinitrotoluene	10.104	165	163133	54.429	ng		98
58) Fluorene	10.463	166	536603	53.449	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	145806	63.029	ng		93
60) Diethylphthalate	10.327	149	559584	55.389	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	264310	53.646	ng		97
62) 4-Nitroaniline	10.480	138	64320	27.804	ng		99
63) Azobenzene	10.610	77	490553	51.274	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	93785	63.318	ng		98
66) n-Nitrosodiphenylamine	10.569	169	242250	28.261	ng		100
67) 4-Bromophenyl-phenylether	10.939	248	158807	53.200	ng		99
68) Hexachlorobenzene	11.010	284	180322	52.170	ng		99
69) Atrazine	11.092	200	32005	13.272	ng		99
70) Pentachlorophenol	11.210	266	190108	124.968	ng		98
71) Phenanthrene	11.427	178	751847	53.961	ng		99
72) Anthracene	11.480	178	777728	57.063	ng		100
73) Carbazole	11.633	167	365897	27.907	ng		99
74) Di-n-butylphthalate	11.957	149	871058	57.545	ng		99
75) Fluoranthene	12.616	202	815541	53.910	ng		100
77) Benzidine	12.757	184	11146m	2.203	ng		
78) Pyrene	12.845	202	829683	51.569	ng		100
80) Butylbenzylphthalate	13.457	149	326928	56.407	ng		99
81) Benzo(a)anthracene	14.039	228	633126	54.966	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	2412	0.697	ng	#	96
83) Chrysene	14.074	228	572347	54.342	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	441902	60.382	ng		99
85) Di-n-octyl phthalate	14.633	149	638627	63.852	ng		99
87) Indeno(1,2,3-cd)pyrene	17.051	276	573933	69.034	ng		99
88) Benzo(b)fluoranthene	15.104	252	554460	69.195	ng		99
89) Benzo(k)fluoranthene	15.133	252	491655	70.116	ng		100
90) Benzo(a)pyrene	15.474	252	465058	71.381	ng		100
91) Dibenzo(a,h)anthracene	17.062	278	485876	71.362	ng		100
92) Benzo(g,h,i)perylene	17.503	276	410767	59.122	ng		99

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

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