Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
Data File : BF138763.D
Acq On : 03 Aug 2024 11:32
Operator : RC/JU
Sample : P3402-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 05 00:49:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
VNJ-222MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	56824	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	246946	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	162491	20.000	ng		0.00
64) Phenanthrene-d10	11.375	188	264133	20.000	ng		0.00
76) Chrysene-d12	14.016	240	125417	20.000	ng		0.01
86) Perylene-d12	15.480	264	122767	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	316671	86.025	ng		0.02
7) Phenol-d6	6.492	99	462042	93.487	ng		0.00
23) Nitrobenzene-d5	7.416	82	314113	62.189	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	115727	86.946	ng		0.01
45) 2-Fluorobiphenyl	9.204	172	607617	56.184	ng		0.00
79) Terphenyl-d14	12.951	244	581839	77.673	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	55274	34.297	ng		97
3) Pyridine	3.451	79	143561	36.772	ng		94
4) n-Nitrosodimethylamine	3.410	42	100262	43.120	ng		99
6) Aniline	6.510	93	199172	45.188	ng	#	46
8) 2-Chlorophenol	6.640	128	195755	50.544	ng		96
9) Benzaldehyde	6.398	77	9503	3.208	ng		97
10) Phenol	6.510	94	256068	49.209	ng		80
11) bis(2-Chloroethyl)ether	6.587	93	187914	46.927	ng		98
12) 1,3-Dichlorobenzene	6.787	146	207311	47.819	ng		99
13) 1,4-Dichlorobenzene	6.863	146	216144	49.403	ng		100
14) 1,2-Dichlorobenzene	7.016	146	204231	49.948	ng		100
15) Benzyl Alcohol	6.998	79	192661	54.086	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	319738	46.397	ng		53
17) 2-Methylphenol	7.110	107	162532	50.822	ng	#	91
18) Hexachloroethane	7.357	117	83434	50.661	ng		99
19) n-Nitroso-di-n-propyla...	7.263	70	160449	53.751	ng		96
20) 3+4-Methylphenols	7.263	107	221017	53.863	ng	#	87
22) Acetophenone	7.257	105	276594	45.745	ng		98
24) Nitrobenzene	7.434	77	236676	46.049	ng		98
25) Isophorone	7.675	82	430785	49.948	ng		99
26) 2-Nitrophenol	7.745	139	113444	51.303	ng		97
27) 2,4-Dimethylphenol	7.787	122	143969	54.417	ng		99
28) bis(2-Chloroethoxy)met...	7.881	93	255878	48.719	ng		99
29) 2,4-Dichlorophenol	7.998	162	173214	50.950	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	185230	47.213	ng		99
31) Naphthalene	8.151	128	606356	46.648	ng		100
32) Benzoic acid	7.934	122	85015	40.878	ng		97
33) 4-Chloroaniline	8.204	127	175801	40.291	ng		99
34) Hexachlorobutadiene	8.263	225	112220	47.224	ng		100
35) Caprolactam	8.586	113	49775m	49.068	ng		
36) 4-Chloro-3-methylphenol	8.692	107	198723	51.147	ng		98
37) 2-Methylnaphthalene	8.839	142	398906	48.592	ng		98
38) 1-Methylnaphthalene	8.939	142	372534	46.310	ng		98
40) 1,2,4,5-Tetrachloroben...	9.010	216	174532	38.666	ng		99
41) Hexachlorocyclopentadiene	8.992	237	101110	84.226	ng		98
43) 2,4,6-Trichlorophenol	9.128	196	120010	43.606	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	129082	42.904	ng		98
46) 1,1'-Biphenyl	9.304	154	527586	41.457	ng		99
47) 2-Chloronaphthalene	9.333	162	412789	43.613	ng		99
48) 2-Nitroaniline	9.433	65	164840	51.373	ng		98
49) Acenaphthylene	9.751	152	696440	51.881	ng		100
50) Dimethylphthalate	9.610	163	535747	51.564	ng		99
51) 2,6-Dinitrotoluene	9.681	165	115738	49.359	ng		99
52) Acenaphthene	9.922	154	422015	46.767	ng		100
53) 3-Nitroaniline	9.845	138	101932	42.051	ng		99
54) 2,4-Dinitrophenol	9.963	184	105787	98.006	ng		95
55) Dibenzofuran	10.092	168	625218	49.083	ng		99
56) 4-Nitrophenol	10.028	139	130671	89.643	ng		98
57) 2,4-Dinitrotoluene	10.086	165	151439	50.622	ng	#	91
58) Fluorene	10.433	166	471287	46.461	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	117584	51.120	ng		97
60) Diethylphthalate	10.310	149	518746	52.657	ng		99
61) 4-Chlorophenyl-phenyle...	10.428	204	241601	48.428	ng		99
62) 4-Nitroaniline	10.463	138	93900	40.763	ng		93
63) Azobenzene	10.586	77	463351	42.407	ng		99
65) 4,6-Dinitro-2-methylph...	10.498	198	70841	43.961	ng		97
66) n-Nitrosodiphenylamine	10.545	169	368997	44.693	ng		100
67) 4-Bromophenyl-phenylether	10.916	248	126100	44.095	ng		98
68) Hexachlorobenzene	10.980	284	130504	44.198	ng		98
69) Atrazine	11.075	200	111415	52.305	ng		99
70) Pentachlorophenol	11.186	266	102016	76.651	ng		98
71) Phenanthrene	11.398	178	685800	50.424	ng		99
72) Anthracene	11.451	178	695087	51.878	ng		100
73) Carbazole	11.610	167	558447	48.310	ng		99
74) Di-n-butylphthalate	11.927	149	742538	57.141	ng		100
75) Fluoranthene	12.586	202	605298	47.672	ng		100
77) Benzidine	12.710	184	152304	50.772	ng		99
78) Pyrene	12.816	202	592364	50.165	ng		100
80) Butylbenzylphthalate	13.427	149	225487	59.631	ng		100
81) Benzo(a)anthracene	14.004	228	430089	49.799	ng		99
82) 3,3'-Dichlorobenzidine	13.968	252	118390	53.567	ng		99
83) Chrysene	14.039	228	395303	50.733	ng		98
84) Bis(2-ethylhexyl)phtha...	13.986	149	325303	58.749	ng		100
85) Di-n-octyl phthalate	14.598	149	501100	48.913	ng		99
87) Indeno(1,2,3-cd)pyrene	16.968	276	486778	55.329	ng		98
88) Benzo(b)fluoranthene	15.057	252	415558	54.604	ng		99
89) Benzo(k)fluoranthene	15.086	252	383175	58.152	ng		99
90) Benzo(a)pyrene	15.421	252	338344	52.855	ng		99
91) Dibenzo(a,h)anthracene	16.980	278	388816	53.838	ng		99
92) Benzo(g,h,i)perylene	17.415	276	365815	48.813	ng		98

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

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