Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
Data File : BF138044.D
Acq On : 28 May 2024 13:40
Operator : CG\JU
Sample : P2612-10MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11933MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

Quant Time: May 28 14:11:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.034	152	149042	20.000	ng		-0.01
21) Naphthalene-d8	8.322	136	582595	20.000	ng		0.00
39) Acenaphthene-d10	10.086	164	310598	20.000	ng		0.00
64) Phenanthrene-d10	11.580	188	440467	20.000	ng		0.00
76) Chrysene-d12	14.233	240	282935	20.000	ng		0.00
86) Perylene-d12	15.798	264	282169	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.669	112	801332	91.329	ng		0.00
7) Phenol-d6	6.657	99	990802	91.670	ng		0.00
23) Nitrobenzene-d5	7.598	82	593197	59.921	ng		-0.01
42) 2,4,6-Tribromophenol	10.880	330	275372	87.929	ng		0.00
45) 2-Fluorobiphenyl	9.392	172	1141141	56.594	ng		0.00
79) Terphenyl-d14	13.163	244	847700	44.156	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.016	88	136908	36.018	ng		99
3) Pyridine	3.769	79	330714	38.776	ng		99
4) n-Nitrosodimethylamine	3.734	42	154476	41.057	ng		96
6) Aniline	6.698	93	303254m	31.369	ng		
8) 2-Chlorophenol	6.822	128	408085	42.977	ng		98
9) Benzaldehyde	6.587	77	60525	10.350	ng		97
10) Phenol	6.669	94	463845	42.517	ng		99
11) bis(2-Chloroethyl)ether	6.769	93	352232	42.050	ng		98
12) 1,3-Dichlorobenzene	6.975	146	439629	40.016	ng		98
13) 1,4-Dichlorobenzene	7.051	146	445857	40.431	ng		98
14) 1,2-Dichlorobenzene	7.204	146	430151	41.446	ng		99
15) Benzyl Alcohol	7.175	79	325236	45.063	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.298	45	447812	43.491	ng		98
17) 2-Methylphenol	7.281	107	323142	42.673	ng		98
18) Hexachloroethane	7.545	117	151667	40.644	ng		96
19) n-Nitroso-di-n-propyla...	7.439	70	261629	43.085	ng		99
20) 3+4-Methylphenols	7.428	107	413110	41.642	ng		95
22) Acetophenone	7.439	105	552271	42.316	ng	#	97
24) Nitrobenzene	7.616	77	394741	39.306	ng		97
25) Isophorone	7.851	82	723506	42.110	ng		99
26) 2-Nitrophenol	7.934	139	225880	44.763	ng		97
27) 2,4-Dimethylphenol	7.957	122	296104	45.577	ng		98
28) bis(2-Chloroethoxy)met...	8.057	93	437121	41.978	ng		99
29) 2,4-Dichlorophenol	8.175	162	349371	42.764	ng		95
30) 1,2,4-Trichlorobenzene	8.257	180	371780	40.758	ng		98
31) Naphthalene	8.345	128	1316969	44.958	ng		100
32) Benzoic acid	8.081	122	250753	45.658	ng		96
33) 4-Chloroaniline	8.381	127	153355	15.970	ng		98
34) Hexachlorobutadiene	8.451	225	224962	38.963	ng		98
35) Caprolactam	8.763	113	106643m	45.056	ng		
36) 4-Chloro-3-methylphenol	8.863	107	352797	42.450	ng		97
37) 2-Methylnaphthalene	9.034	142	796073	42.278	ng		98
38) 1-Methylnaphthalene	9.134	142	723605	39.090	ng		99
40) 1,2,4,5-Tetrachloroben...	9.198	216	371415	43.986	ng		99
41) Hexachlorocyclopentadiene	9.186	237	276317	86.120	ng		100
43) 2,4,6-Trichlorophenol	9.310	196	246093	44.450	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.357	196	256687	42.372	ng		99
46) 1,1'-Biphenyl	9.498	154	941328	43.210	ng		99
47) 2-Chloronaphthalene	9.528	162	719588	41.379	ng		98
48) 2-Nitroaniline	9.622	65	191891	43.091	ng		97
49) Acenaphthylene	9.945	152	1115158	44.598	ng		99
50) Dimethylphthalate	9.798	163	868320	44.582	ng		100
51) 2,6-Dinitrotoluene	9.863	165	188386	42.142	ng		94
52) Acenaphthene	10.122	154	731529	44.263	ng		99
53) 3-Nitroaniline	10.033	138	141990	32.491	ng		98
54) 2,4-Dinitrophenol	10.139	184	166259	69.816	ng	#	82
55) Dibenzofuran	10.292	168	1005028	41.786	ng		98
56) 4-Nitrophenol	10.186	139	239162	76.196	ng		98
57) 2,4-Dinitrotoluene	10.269	165	243415	42.121	ng		95
58) Fluorene	10.633	166	776707	40.827	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	198984	41.812	ng		98
60) Diethylphthalate	10.498	149	794547	43.680	ng		100
61) 4-Chlorophenyl-phenyle...	10.622	204	389628	41.530	ng		96
62) 4-Nitroaniline	10.651	138	152937	36.897	ng		97
63) Azobenzene	10.786	77	689844	41.693	ng		97
65) 4,6-Dinitro-2-methylph...	10.675	198	115062	45.242	ng		91
66) n-Nitrosodiphenylamine	10.739	169	663098	49.090	ng		99
67) 4-Bromophenyl-phenylether	11.116	248	228442	47.309	ng		97
68) Hexachlorobenzene	11.186	284	233047	43.661	ng		99
69) Atrazine	11.263	200	205871	55.814	ng		98
70) Pentachlorophenol	11.380	266	255751	81.798	ng		97
71) Phenanthrene	11.604	178	934888	43.071	ng		100
72) Anthracene	11.657	178	946059	43.929	ng		100
73) Carbazole	11.810	167	783081	39.805	ng		99
74) Di-n-butylphthalate	12.127	149	1027299	47.053	ng		100
75) Fluoranthene	12.798	202	834349	37.870	ng		100
77) Benzidine	12.916	184	234495	63.417	ng		99
78) Pyrene	13.027	202	831881	33.616	ng		99
80) Butylbenzylphthalate	13.633	149	328627	44.027	ng		99
81) Benzo(a)anthracene	14.221	228	788452	44.047	ng		99
82) 3,3'-Dichlorobenzidine	14.180	252	212677	42.872	ng		98
83) Chrysene	14.257	228	742003	43.343	ng		99
84) Bis(2-ethylhexyl)phtha...	14.186	149	490920	52.320	ng		99
85) Di-n-octyl phthalate	14.816	149	807969	63.740	ng		99
87) Indeno(1,2,3-cd)pyrene	17.427	276	590521	32.574	ng		99
88) Benzo(b)fluoranthene	15.327	252	742463	45.445	ng		99
89) Benzo(k)fluoranthene	15.357	252	735884	45.849	ng		99
90) Benzo(a)pyrene	15.727	252	645057	46.238	ng		98
91) Dibenzo(a,h)anthracene	17.445	278	485211	32.395	ng		99
92) Benzo(g,h,i)perylene	17.921	276	436842	27.763	ng		99

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

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