Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
Data File : BF133036.D
Acq On : 25 Apr 2023 19:57
Operator : CG\JU
Sample : 02477-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

Quant Time: Apr 26 02:16:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 25 18:24:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.739	152	197294	20.000	ng		0.00
21) Naphthalene-d8	8.028	136	780160	20.000	ng		0.00
39) Acenaphthene-d10	9.780	164	421810	20.000	ng		0.00
64) Phenanthrene-d10	11.263	188	761307	20.000	ng		0.00
76) Chrysene-d12	13.898	240	447752	20.000	ng		0.00
86) Perylene-d12	15.315	264	421455	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1106726	84.738	ng		0.00
7) Phenol-d6	6.386	99	1372386	84.658	ng		0.00
23) Nitrobenzene-d5	7.310	82	823987	57.009	ng		0.00
42) 2,4,6-Tribromophenol	10.569	330	369691	87.148	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	1490031	59.098	ng		0.00
79) Terphenyl-d14	12.845	244	1760104	67.796	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.481	88	264449	43.653	ng		97
3) Pyridine	3.175	79	668251	41.532	ng		97
4) n-Nitrosodimethylamine	3.134	42	360154	43.215	ng		95
6) Aniline	6.404	93	524933	25.142	ng	#	70
8) 2-Chlorophenol	6.528	128	649205	48.957	ng		97
9) Benzaldehyde	6.286	77	381420	60.538	ng		98
10) Phenol	6.398	94	783460	43.809	ng		86
11) bis(2-Chloroethyl)ether	6.481	93	616264	45.921	ng		98
12) 1,3-Dichlorobenzene	6.681	146	677486	48.054	ng		99
13) 1,4-Dichlorobenzene	6.757	146	682046	48.270	ng		99
14) 1,2-Dichlorobenzene	6.916	146	648950	49.817	ng		99
15) Benzyl Alcohol	6.892	79	525309	46.911	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.028	45	1024941	43.972	ng		96
17) 2-Methylphenol	7.004	107	563443	46.402	ng		99
18) Hexachloroethane	7.257	117	234471	47.730	ng		99
19) n-Nitroso-di-n-propyla...	7.163	70	421488	41.764	ng		99
20) 3+4-Methylphenols	7.163	107	648504	45.350	ng	#	73
22) Acetophenone	7.151	105	850215	47.046	ng	#	97
24) Nitrobenzene	7.328	77	659818	45.050	ng		100
25) Isophorone	7.569	82	1212648	44.189	ng		99
26) 2-Nitrophenol	7.645	139	350630	49.634	ng		93
27) 2,4-Dimethylphenol	7.686	122	575039	47.472	ng		99
28) bis(2-Chloroethoxy)met...	7.780	93	708144	43.619	ng		99
29) 2,4-Dichlorophenol	7.886	162	518381	47.009	ng		99
30) 1,2,4-Trichlorobenzene	7.969	180	528869	46.294	ng		99
31) Naphthalene	8.051	128	1722878	44.170	ng		99
32) Benzoic acid	7.798	122	259576m	34.692	ng		
33) 4-Chloroaniline	8.098	127	119311	7.571	ng		98
34) Hexachlorobutadiene	8.169	225	286505	45.249	ng		98
35) Caprolactam	8.475	113	188165m	50.794	ng		
36) 4-Chloro-3-methylphenol	8.586	107	588800	49.514	ng		99
37) 2-Methylnaphthalene	8.739	142	1165472	43.704	ng		98
38) 1-Methylnaphthalene	8.839	142	1109316	44.468	ng		99
40) 1,2,4,5-Tetrachloroben...	8.910	216	487595	42.993	ng		99
41) Hexachlorocyclopentadiene	8.898	237	604910	91.455	ng		99
43) 2,4,6-Trichlorophenol	9.022	196	354929	45.253	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.063	196	389393	42.927	ng		96
46)	1,1'-Biphenyl	9.204	154	1464382	43.781	ng		100
47)	2-Chloronaphthalene	9.227	162	1116867	45.621	ng		99
48)	2-Nitroaniline	9.322	65	361895	44.728	ng		93
49)	Acenaphthylene	9.645	152	1714776	43.836	ng		99
50)	Dimethylphthalate	9.510	163	1316741	44.769	ng		99
51)	2,6-Dinitrotoluene	9.569	165	310110	46.845	ng		85
52)	Acenaphthene	9.816	154	1216913	46.449	ng		99
53)	3-Nitroaniline	9.733	138	153012	19.440	ng		95
54)	2,4-Dinitrophenol	9.839	184	268533	80.702	ng		96
55)	Dibenzofuran	9.986	168	1570044	43.932	ng		98
56)	4-Nitrophenol	9.904	139	550349	90.275	ng		93
57)	2,4-Dinitrotoluene	9.969	165	411341	48.724	ng		96
58)	Fluorene	10.327	166	1144720	43.720	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.104	232	327666	46.594	ng		97
60)	Diethylphthalate	10.210	149	1245240	44.823	ng		98
61)	4-Chlorophenyl-phenyle...	10.322	204	551571	43.228	ng		98
62)	4-Nitroaniline	10.351	138	349840	48.358	ng		97
63)	Azobenzene	10.480	77	1355303	46.052	ng		99
65)	4,6-Dinitro-2-methylph...	10.374	198	213909	46.356	ng		79
66)	n-Nitrosodiphenylamine	10.445	169	1059996	42.924	ng		99
67)	4-Bromophenyl-phenylether	10.810	248	364998	44.206	ng		96
68)	Hexachlorobenzene	10.874	284	399472	47.215	ng		97
69)	Atrazine	10.974	200	367733	51.679	ng		99
70)	Pentachlorophenol	11.069	266	440421	73.091	ng		98
71)	Phenanthrene	11.286	178	1792846	43.816	ng		100
72)	Anthracene	11.339	178	1812958	43.295	ng		100
73)	Carbazole	11.492	167	1685733	45.210	ng		99
74)	Di-n-butylphthalate	11.827	149	1959320	46.434	ng		100
75)	Fluoranthene	12.474	202	1833003	44.636	ng		97
77)	Benzidine	12.592	184	648116	85.597	ng	#	93
78)	Pyrene	12.698	202	1870593	48.735	ng		99
80)	Butylbenzylphthalate	13.327	149	761949	56.066	ng		99
81)	Benzo(a)anthracene	13.886	228	1375077	44.659	ng		99
82)	3,3'-Dichlorobenzidine	13.851	252	141210	16.601	ng		96
83)	Chrysene	13.927	228	1352495	43.937	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.892	149	807406	47.332	ng		98
85)	Di-n-octyl phthalate	14.498	149	1297832	46.660	ng		98
87)	Indeno(1,2,3-cd)pyrene	16.703	276	1474350	61.500	ng		99
88)	Benzo(b)fluoranthene	14.915	252	1193406	44.509	ng		98
89)	Benzo(k)fluoranthene	14.945	252	1109994	41.762	ng		99
90)	Benzo(a)pyrene	15.262	252	1037900	42.528	ng		99
91)	Dibenzo(a,h)anthracene	16.727	278	1210254	60.528	ng		98
92)	Benzo(g,h,i)perylene	17.127	276	1230802	62.351	ng		98

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

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