Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
Data File : BF136396.D
Acq On : 04 Dec 2023 22:44
Operator : CG\JU
Sample : 05576-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 05 00:38:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:30:53 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TR-04-112923MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
12/05/2023
Supervised By :mohammad ahmed
12/05/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	118869	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	468345	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	207532	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	333750	20.000	ng		0.00
76) Chrysene-d12	13.986	240	228879	20.000	ng	#	0.00
86) Perylene-d12	15.474	264	178487	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	834551	97.718	ng		0.01
7) Phenol-d6	6.451	99	1028752	96.338	ng		0.00
23) Nitrobenzene-d5	7.369	82	623493	70.349	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	234493	92.420	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	1218117	74.972	ng		0.00
79) Terphenyl-d14	12.927	244	1165046	58.715	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	124313	38.470	ng		95
3) Pyridine	3.399	79	292819	36.708	ng		92
4) n-Nitrosodimethylamine	3.363	42	144741	35.896	ng	#	79
6) Aniline	6.475	93	179283	17.763	ng		96
8) 2-Chlorophenol	6.593	128	385474	41.453	ng		93
9) Benzaldehyde	6.357	77	162261	27.263	ng		96
10) Phenol	6.463	94	444919	38.836	ng		95
11) bis(2-Chloroethyl)ether	6.545	93	355389	42.286	ng		95
12) 1,3-Dichlorobenzene	6.745	146	403780	38.262	ng		97
13) 1,4-Dichlorobenzene	6.822	146	417310	38.899	ng		97
14) 1,2-Dichlorobenzene	6.975	146	389018	38.303	ng		97
15) Benzyl Alcohol	6.951	79	314062	41.948	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.081	45	450110	38.557	ng		95
17) 2-Methylphenol	7.063	107	289843	39.646	ng		96
18) Hexachloroethane	7.310	117	122777	32.628	ng		97
19) n-Nitroso-di-n-propyla...	7.222	70	250263	39.185	ng		94
20) 3+4-Methylphenols	7.216	107	362789	38.183	ng		99
22) Acetophenone	7.216	105	530106	43.097	ng	#	92
24) Nitrobenzene	7.387	77	361425	40.241	ng		95
25) Isophorone	7.628	82	676796	42.350	ng	#	94
26) 2-Nitrophenol	7.698	139	170917	44.663	ng		100
27) 2,4-Dimethylphenol	7.739	122	278584	55.309	ng		94
28) bis(2-Chloroethoxy)met...	7.834	93	431964	44.686	ng		97
29) 2,4-Dichlorophenol	7.945	162	297100	43.731	ng		97
30) 1,2,4-Trichlorobenzene	8.022	180	338685	40.718	ng		98
31) Naphthalene	8.104	128	1082192	41.109	ng		97
32) Benzoic acid	7.869	122	214405	46.706	ng		98
33) 4-Chloroaniline	8.169	127	90180	10.078	ng		96
34) Hexachlorobutadiene	8.222	225	195454	40.165	ng		99
35) Caprolactam	8.528	113	92692m	48.805	ng		
36) 4-Chloro-3-methylphenol	8.645	107	294864	40.017	ng		92
37) 2-Methylnaphthalene	8.798	142	661757	40.074	ng		96
38) 1-Methylnaphthalene	8.898	142	628600	39.022	ng		92
40) 1,2,4,5-Tetrachloroben...	8.963	216	317568	48.082	ng		98
41) Hexachlorocyclopentadiene	8.945	237	48850	19.222	ng		99
43) 2,4,6-Trichlorophenol	9.075	196	193865	45.222	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	197656	42.250	ng		97
46) 1,1'-Biphenyl	9.263	154	846081	46.231	ng		98
47) 2-Chloronaphthalene	9.286	162	603950	42.495	ng		96
48) 2-Nitroaniline	9.386	65	171629	46.253	ng		87
49) Acenaphthylene	9.704	152	905782	44.659	ng		98
50) Dimethylphthalate	9.569	163	733719	46.776	ng		99
51) 2,6-Dinitrotoluene	9.628	165	140489	43.842	ng		98
52) Acenaphthene	9.875	154	541087	42.216	ng		95
53) 3-Nitroaniline	9.798	138	111917	35.199	ng		89
54) 2,4-Dinitrophenol	9.904	184	21172	14.206	ng		90
55) Dibenzofuran	10.045	168	799804	41.935	ng		99
56) 4-Nitrophenol	9.963	139	207750	86.029	ng		91
57) 2,4-Dinitrotoluene	10.033	165	166152	38.817	ng	#	97
58) Fluorene	10.392	166	603686	40.353	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.169	232	154386	41.476	ng		98
60) Diethylphthalate	10.269	149	675355	43.042	ng		97
61) 4-Chlorophenyl-phenyle...	10.386	204	299624	41.241	ng		97
62) 4-Nitroaniline	10.410	138	127318	40.908	ng		94
63) Azobenzene	10.545	77	557533	38.328	ng		95
65) 4,6-Dinitro-2-methylph...	10.439	198	16925	9.273	ng		96
66) n-Nitrosodiphenylamine	10.504	169	515125	48.163	ng		96
67) 4-Bromophenyl-phenylether	10.875	248	177563	45.602	ng		97
68) Hexachlorobenzene	10.939	284	191509	42.496	ng		94
69) Atrazine	11.039	200	166128	52.361	ng		95
70) Pentachlorophenol	11.139	266	209703	82.323	ng		96
71) Phenanthrene	11.357	178	1008619	53.769	ng		97
72) Anthracene	11.410	178	886264	47.114	ng		98
73) Carbazole	11.569	167	729164	45.575	ng		99
74) Di-n-butylphthalate	11.904	149	974011	48.656	ng		98
75) Fluoranthene	12.551	202	1124049	59.027	ng		95
77) Benzidine	12.674	184	186236	49.500	ng		98
78) Pyrene	12.780	202	1108418	44.220	ng		97
80) Butylbenzylphthalate	13.410	149	373403	47.865	ng		94
81) Benzo(a)anthracene	13.974	228	820388	48.257	ng		98
82) 3,3'-Dichlorobenzidine	13.939	252	169417	41.399	ng	#	93
83) Chrysene	14.016	228	781097	47.586	ng		98
84) Bis(2-ethylhexyl)phtha...	13.974	149	530102	56.620	ng	#	97
85) Di-n-octyl phthalate	14.592	149	905194	58.290	ng		99
87) Indeno(1,2,3-cd)pyrene	16.986	276	525381	39.860	ng		99
88) Benzo(b)fluoranthene	15.039	252	649797	51.891	ng		99
89) Benzo(k)fluoranthene	15.068	252	541031	45.490	ng		97
90) Benzo(a)pyrene	15.410	252	499954	48.839	ng		97
91) Dibenzo(a,h)anthracene	17.009	278	406300	38.512	ng		98
92) Benzo(g,h,i)perylene	17.451	276	414663	38.964	ng		100

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

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