Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
Data File : BF136191.D
Acq On : 24 Nov 2023 21:20
Operator : CG\JU
Sample : 05468-09MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 24 23:10:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 23:00:16 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-11MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
11/25/2023
Supervised By :mohammad ahmed
11/27/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	135092	20.000	ng		0.00
21) Naphthalene-d8	8.086	136	580838	20.000	ng		0.00
39) Acenaphthene-d10	9.845	164	292574	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	541105	20.000	ng		0.00
76) Chrysene-d12	13.986	240	249168	20.000	ng		0.00
86) Perylene-d12	15.462	264	285623	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	1076622	126.894	ng		0.01
7) Phenol-d6	6.445	99	1319294	126.366	ng		0.00
23) Nitrobenzene-d5	7.369	82	800497	76.907	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	406550	132.675	ng		0.00
45) 2-Fluorobiphenyl	9.169	172	1643081	83.015	ng		0.00
79) Terphenyl-d14	12.927	244	1501629	85.546	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	137912	40.592	ng		96
3) Pyridine	3.387	79	337079	36.924	ng		93
4) n-Nitrosodimethylamine	3.357	42	204969	48.950	ng		91
6) Aniline	6.475	93	518345	39.172	ng		97
8) 2-Chlorophenol	6.592	128	469177	51.369	ng		97
9) Benzaldehyde	6.357	77	54584	9.043	ng		90
10) Phenol	6.457	94	611095	53.596	ng		96
11) bis(2-Chloroethyl)ether	6.551	93	427588	51.026	ng		98
12) 1,3-Dichlorobenzene	6.751	146	497247	51.612	ng		95
13) 1,4-Dichlorobenzene	6.828	146	511506	52.948	ng		94
14) 1,2-Dichlorobenzene	6.975	146	480515	52.918	ng		96
15) Benzyl Alcohol	6.951	79	403122	51.627	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.087	45	596176	54.458	ng		96
17) 2-Methylphenol	7.063	107	378496	49.668	ng		95
18) Hexachloroethane	7.316	117	175741	49.849	ng		98
19) n-Nitroso-di-n-propyla...	7.222	70	335419	55.656	ng	#	91
20) 3+4-Methylphenols	7.216	107	483518	50.841	ng		93
22) Acetophenone	7.216	105	697009	51.975	ng	#	87
24) Nitrobenzene	7.392	77	478336	47.221	ng		96
25) Isophorone	7.628	82	899976	50.102	ng		95
26) 2-Nitrophenol	7.704	139	206069	41.973	ng		98
27) 2,4-Dimethylphenol	7.739	122	343686	41.675	ng		89
28) bis(2-Chloroethoxy)met...	7.839	93	540769	49.919	ng	#	93
29) 2,4-Dichlorophenol	7.945	162	391264	48.659	ng		93
30) 1,2,4-Trichlorobenzene	8.028	180	443258	49.509	ng		96
31) Naphthalene	8.110	128	1434706	50.143	ng		96
32) Benzoic acid	7.869	122	245182	41.046	ng		94
33) 4-Chloroaniline	8.157	127	327432	27.590	ng		98
34) Hexachlorobutadiene	8.228	225	249157	45.779	ng		95
35) Caprolactam	8.528	113	112365m	48.263	ng		
36) 4-Chloro-3-methylphenol	8.639	107	426732	50.547	ng		97
37) 2-Methylnaphthalene	8.798	142	896710	46.742	ng		90
38) 1-Methylnaphthalene	8.898	142	854125	47.987	ng		90
40) 1,2,4,5-Tetrachloroben...	8.963	216	430358	49.080	ng		97
41) Hexachlorocyclopentadiene	8.951	237	486872	107.675	ng		95
43) 2,4,6-Trichlorophenol	9.075	196	278101	50.651	ng		96

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44) 2,4,5-Trichlorophenol	9.122	196	297892	47.097	ng		95
46) 1,1'-Biphenyl	9.269	154	1203422	52.419	ng		96
47) 2-Chloronaphthalene	9.292	162	906256	54.006	ng		94
48) 2-Nitroaniline	9.386	65	245333	47.951	ng		84
49) Acenaphthylene	9.704	152	1445599	55.810	ng		96
50) Dimethylphthalate	9.575	163	1032273	52.220	ng		97
51) 2,6-Dinitrotoluene	9.633	165	193031	45.001	ng		98
52) Acenaphthene	9.880	154	836059	48.461	ng		87
53) 3-Nitroaniline	9.798	138	155550	34.011	ng		94
54) 2,4-Dinitrophenol	9.910	184	183894	87.379	ng		93
55) Dibenzofuran	10.051	168	1273547	53.094	ng		99
56) 4-Nitrophenol	9.969	139	334427	110.039	ng		89
57) 2,4-Dinitrotoluene	10.039	165	273018	50.114	ng	#	95
58) Fluorene	10.398	166	983516	54.024	ng		90
59) 2,3,4,6-Tetrachlorophenol	10.169	232	243213	50.734	ng		93
60) Diethylphthalate	10.275	149	1023785	51.624	ng		95
61) 4-Chlorophenyl-phenyle...	10.392	204	462533	49.979	ng		91
62) 4-Nitroaniline	10.422	138	201360	48.309	ng		95
63) Azobenzene	10.551	77	957480	55.181	ng		93
65) 4,6-Dinitro-2-methylph...	10.445	198	117780	38.815	ng		96
66) n-Nitrosodiphenylamine	10.510	169	839897	48.925	ng		93
67) 4-Bromophenyl-phenylether	10.880	248	288469	47.867	ng		95
68) Hexachlorobenzene	10.939	284	326622	51.050	ng		98
69) Atrazine	11.039	200	268886	61.827	ng		92
70) Pentachlorophenol	11.139	266	351374	98.193	ng		96
71) Phenanthrene	11.363	178	1453606m	52.459	ng		
72) Anthracene	11.410	178	1476874	52.215	ng		96
73) Carbazole	11.569	167	1190898	52.545	ng		97
74) Di-n-butylphthalate	11.904	149	1519639	56.677	ng	#	96
75) Fluoranthene	12.551	202	1305921	51.608	ng		96
77) Benzidine	12.674	184	402954	93.395	ng		97
78) Pyrene	12.780	202	1271699	54.579	ng		95
80) Butylbenzylphthalate	13.410	149	404222	54.444	ng		95
81) Benzo(a)anthracene	13.974	228	873095	52.828	ng		96
82) 3,3'-Dichlorobenzidine	13.939	252	249548	47.035	ng		99
83) Chrysene	14.010	228	831316	51.415	ng		96
84) Bis(2-ethylhexyl)phtha...	13.974	149	511667	57.097	ng		96
85) Di-n-octyl phthalate	14.592	149	861044	57.388	ng		98
87) Indeno(1,2,3-cd)pyrene	16.974	276	1060421	50.671	ng		98
88) Benzo(b)fluoranthene	15.027	252	876962	55.612	ng		96
89) Benzo(k)fluoranthene	15.063	252	808796	50.932	ng		95
90) Benzo(a)pyrene	15.404	252	762390	49.017	ng		95
91) Dibenzo(a,h)anthracene	16.998	278	854219	49.252	ng		98
92) Benzo(g,h,i)perylene	17.433	276	827911	47.083	ng		96

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

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