Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136571.D
Acq On : 14 Dec 2023 16:42
Operator : CG\JU
Sample : 05697-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Quant Time: Dec 15 00:34:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 00:33:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-6.79
21) Naphthalene-d8	8.045	136	81	20.000	ng	#-0.02
39) Acenaphthene-d10	9.804	164	326	20.000	ng	#-0.02
64) Phenanthrene-d10	11.327	188	251	20.000	ng	# 0.01
76) Chrysene-d12	13.986	240	1249	20.000	ng	# 0.02
86) Perylene-d12	15.362	264	1188	20.000	ng	#-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	188670	0.000	ng	0.04
7) Phenol-d6	6.434	99	2074	0.000	ng	0.00
23) Nitrobenzene-d5	7.381	82	410958	274278.245	ng	0.02
42) 2,4,6-Tribromophenol	10.621	330	132379	32933.325	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	727136	30434.889	ng	0.00
79) Terphenyl-d14	12.980	244	547265	5775.178	ng	0.07
Target Compounds						Qvalue
22) Acetophenone	7.198	105	216	107.989	ng	# 1
24) Nitrobenzene	7.381	77	1620	1074.787	ng	# 26
25) Isophorone	7.381	82	410958	152665.168	ng	# 65
26) 2-Nitrophenol	7.628	139	239	322.535	ng	# 72
27) 2,4-Dimethylphenol	7.704	122	58	63.478	ng	# 4
28) bis(2-Chloroethoxy)met...	7.869	93	1717	1038.016	ng	# 1
31) Naphthalene	8.063	128	719	160.965	ng	# 1
32) Benzoic acid	7.863	122	1134	1251.094	ng	# 36
33) 4-Chloroaniline	8.033	127	13709	8608.684	ng	# 12
35) Caprolactam	8.504	113	1010	2719.425	ng	# 1
36) 4-Chloro-3-methylphenol	8.580	107	77	60.131	ng	# 20
37) 2-Methylnaphthalene	8.780	142	56	19.706	ng	# 73
38) 1-Methylnaphthalene	8.892	142	136	48.771	ng	# 1
43) 2,4,6-Trichlorophenol	9.039	196	122	18.474	ng	# 10
44) 2,4,5-Trichlorophenol	9.039	196	122	16.552	ng	# 1
46) 1,1'-Biphenyl	9.245	154	2435	87.782	ng	94
47) 2-Chloronaphthalene	9.222	162	4481	207.549	ng	# 67
48) 2-Nitroaniline	9.480	65	723	124.859	ng	# 41
49) Acenaphthylene	9.680	152	403	13.103	ng	# 28
50) Dimethylphthalate	9.539	163	150	6.250	ng	# 1
51) 2,6-Dinitrotoluene	9.586	165	1323	245.017	ng	# 44
52) Acenaphthene	9.874	154	682	34.604	ng	# 1
53) 3-Nitroaniline	9.751	138	679	123.143	ng	# 4
54) 2,4-Dinitrophenol	9.874	184	4653	1704.373	ng	# 33
55) Dibenzofuran	10.027	168	367	12.747	ng	# 59
56) 4-Nitrophenol	9.922	139	394	95.319	ng	# 1
57) 2,4-Dinitrotoluene	10.016	165	56	7.840	ng	# 18
58) Fluorene	10.327	166	283	12.245	ng	# 1
59) 2,3,4,6-Tetrachlorophenol	10.157	232	122	20.664	ng	# 1
60) Diethylphthalate	10.210	149	814	34.490	ng	# 59
61) 4-Chlorophenyl-phenyle...	10.504	204	62	5.503	ng	# 1
62) 4-Nitroaniline	10.380	138	463375	84633.952	ng	# 27
63) Azobenzene	10.533	77	969	45.108	ng	# 45
65) 4,6-Dinitro-2-methylph...	10.427	198	356	229.016	ng	# 1
66) n-Nitrosodiphenylamine	10.474	169	386	47.926	ng	# 42
67) 4-Bromophenyl-phenylether	10.621	248	7968	2730.378	ng	# 1

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
69) Atrazine	11.157	200	42026	18282.044	ng	#	50
70) Pentachlorophenol	11.127	266	79	41.501	ng	#	56
71) Phenanthrene	11.351	178	1253	90.823	ng	#	86
72) Anthracene	11.404	178	597	42.963	ng	#	50
73) Carbazole	11.569	167	821	66.755	ng	#	4
74) Di-n-butylphthalate	11.898	149	6252	414.670	ng	#	68
75) Fluoranthene	12.557	202	1992	137.783	ng	#	1
77) Benzidine	12.745	184	10792	138.255	ng	#	1
78) Pyrene	12.780	202	1438	11.756	ng	#	1
80) Butylbenzylphthalate	13.415	149	8888	204.113	ng	#	66
81) Benzo(a)anthracene	13.980	228	1382	15.885	ng	#	18
82) 3,3'-Dichlorobenzidine	13.968	252	170	6.969	ng	#	1
83) Chrysene	14.015	228	974	11.379	ng	#	1
84) Bis(2-ethylhexyl)phtha...	13.968	149	15973	299.224	ng	#	83
85) Di-n-octyl phthalate	14.615	149	2527	32.048	ng	#	44
88) Benzo(b)fluoranthene	14.909	252	570	7.017	ng	#	1
89) Benzo(k)fluoranthene	14.968	252	535	6.989	ng	#	1
90) Benzo(a)pyrene	15.333	252	473	7.051	ng	#	1

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

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