Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134906.D
Acq On : 23 Aug 2023 16:05
Operator : CG\JU
Sample : 04100-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Quant Time: Aug 24 04:26:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 22 19:33:25 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	8.139	136	705	20.000	ng		# 0.06
39) Acenaphthene-d10	9.916	164	2939	20.000	ng		# 0.08
64) Phenanthrene-d10	11.445	188	4111	20.000	ng		# 0.12
76) Chrysene-d12	14.127	240	1074	20.000	ng		# 0.15
86) Perylene-d12	15.645	264	2247	20.000	ng		# 0.19
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	746648	0.000	ng		0.01
7) Phenol-d6	6.439	99	918698	0.000	ng		0.00
23) Nitrobenzene-d5	7.357	82	569309	44497.796	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	179564	5187.599	ng		0.01
45) 2-Fluorobiphenyl	9.151	172	921088	4844.856	ng		0.00
79) Terphenyl-d14	12.945	244	646754	8282.554	ng		0.02
Target Compounds							Qvalue
22) Acetophenone	7.204	105	456509	29296.604	ng		96
24) Nitrobenzene	7.381	77	354615	27622.362	ng		96
25) Isophorone	7.616	82	623073	26080.558	ng		100
26) 2-Nitrophenol	7.692	139	136481	21354.013	ng		95
27) 2,4-Dimethylphenol	7.734	122	282732	27122.032	ng		95
28) bis(2-Chloroethoxy)met...	7.828	93	385658	27084.897	ng		99
29) 2,4-Dichlorophenol	7.934	162	273763	26579.170	ng		98
30) 1,2,4-Trichlorobenzene	8.016	180	307071	28081.907	ng		99
31) Naphthalene	8.098	128	978298	27790.429	ng		99
32) Benzoic acid	7.857	122	201131	26144.070	ng		97
33) 4-Chloroaniline	8.151	127	131871	8730.871	ng		99
34) Hexachlorobutadiene	8.210	225	179287	27568.128	ng		98
35) Caprolactam	8.516	113	79638	24768.612	ng		98
36) 4-Chloro-3-methylphenol	8.633	107	276694	25456.503	ng		99
37) 2-Methylnaphthalene	8.886	142	553725	23586.624	ng		96
38) 1-Methylnaphthalene	8.886	142	553725	25224.361	ng		99
40) 1,2,4,5-Tetrachloroben...	8.957	216	281869	3147.408	ng		99
41) Hexachlorocyclopentadiene	8.939	237	70024	1766.068	ng		98
43) 2,4,6-Trichlorophenol	9.116	196	178077	3010.810	ng		96
44) 2,4,5-Trichlorophenol	9.116	196	178077	2600.590	ng		97
46) 1,1'-Biphenyl	9.257	154	709993	3059.944	ng		99
47) 2-Chloronaphthalene	9.280	162	521567	3009.978	ng		99
48) 2-Nitroaniline	9.380	65	183335	3218.613	ng		98
49) Acenaphthylene	9.698	152	772934	2896.502	ng		99
50) Dimethylphthalate	9.563	163	604600	2890.039	ng		100
51) 2,6-Dinitrotoluene	9.622	165	112231	2432.351	ng		93
52) Acenaphthene	9.869	154	446892	2658.334	ng		98
53) 3-Nitroaniline	9.792	138	111228	2207.051	ng	#	95
54) 2,4-Dinitrophenol	10.022	184	498	22.811	ng	#	1
55) Dibenzofuran	10.045	168	622997	2545.382	ng		96
56) 4-Nitrophenol	10.045	139	243796	6941.685	ng	#	18
57) 2,4-Dinitrotoluene	10.028	165	118022	2068.303	ng		98
58) Fluorene	10.392	166	430818	2320.760	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	121220	2272.132	ng		99
60) Diethylphthalate	10.269	149	464590	2423.930	ng		94
61) 4-Chlorophenyl-phenyle...	10.386	204	224551	2413.025	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
62) 4-Nitroaniline	10.410	138	90253	1915.728	ng		87
63) Azobenzene	10.551	77	404127	2122.433	ng		93
65) 4,6-Dinitro-2-methylph...	10.533	198	1361	56.106	ng	#	1
66) n-Nitrosodiphenylamine	10.504	169	370673	2799.953	ng		100
67) 4-Bromophenyl-phenylether	10.963	248	9864	207.976	ng	#	1
68) Hexachlorobenzene	10.951	284	137966	2735.141	ng	#	92
69) Atrazine	11.145	200	22605	628.810	ng		83
70) Pentachlorophenol	11.151	266	138830	4573.336	ng		97
71) Phenanthrene	11.422	178	573545	2662.402	ng		96
72) Anthracene	11.422	178	573545	2598.486	ng		95
73) Carbazole	11.580	167	434794	2390.557	ng	#	94
74) Di-n-butylphthalate	12.110	149	19018	91.171	ng	#	53
75) Fluoranthene	12.574	202	958039	4693.606	ng		96
77) Benzidine	12.821	184	825	47.344	ng	#	1
78) Pyrene	12.810	202	952814	8367.405	ng		98
80) Butylbenzylphthalate	13.427	149	249821	7200.771	ng		92
81) Benzo(a)anthracene	14.033	228	816874	11147.813	ng		94
82) 3,3'-Dichlorobenzidine	14.068	252	1596	68.816	ng	#	1
83) Chrysene	14.033	228	816874	11298.518	ng		98
84) Bis(2-ethylhexyl)phtha...	13.986	149	339498	9033.574	ng		99
85) Di-n-octyl phthalate	14.598	149	614203	10022.440	ng	#	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	579554	3608.380	ng		99
88) Benzo(b)fluoranthene	15.068	252	583741	4604.568	ng		100
89) Benzo(k)fluoranthene	15.410	252	614408	4935.424	ng		98
90) Benzo(a)pyrene	15.410	252	616371	4870.318	ng		99
91) Dibenzo(a,h)anthracene	16.980	278	389513	2997.290	ng		100
92) Benzo(g,h,i)perylene	17.645	276	29752	223.644	ng		92

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

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