Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081624\
Data File : BF139051.D
Acq On : 16 Aug 2024 11:13
Operator : RC/JU
Sample : P3390-08
Misc : LOQ-WATER-5ppm
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

Quant Time: Aug 16 17:42:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	47325	20.000	ng		-0.01
21) Naphthalene-d8	8.116	136	193513	20.000	ng		-0.01
39) Acenaphthene-d10	9.869	164	112290	20.000	ng		-0.01
64) Phenanthrene-d10	11.357	188	203399	20.000	ng		-0.01
76) Chrysene-d12	13.998	240	114350	20.000	ng		# 0.00
86) Perylene-d12	15.468	264	86144	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	292948	95.554	ng		0.00
7) Phenol-d6	6.481	99	399335	97.017	ng		0.00
23) Nitrobenzene-d5	7.404	82	299270	75.611	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	95124	103.418	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	559343	74.843	ng		-0.02
79) Terphenyl-d14	12.939	244	571789	83.719	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	5105	3.803	ng	#	92
3) Pyridine	3.446	79	9942m	3.058	ng		
4) n-Nitrosodimethylamine	3.340	42	7761	4.008	ng	#	83
6) Aniline	6.504	93	17566	4.785	ng	#	67
8) 2-Chlorophenol	6.628	128	14062	4.360	ng		94
9) Benzaldehyde	6.398	77	12031	4.876	ng		99
10) Phenol	6.498	94	18902	4.362	ng	#	57
11) bis(2-Chloroethyl)ether	6.575	93	13330	3.997	ng		98
12) 1,3-Dichlorobenzene	6.775	146	14919	4.132	ng		97
13) 1,4-Dichlorobenzene	6.851	146	15560	4.270	ng		97
14) 1,2-Dichlorobenzene	7.004	146	14229	4.178	ng		92
15) Benzyl Alcohol	6.992	79	15705	5.294	ng	#	79
16) 2,2'-oxybis(1-Chloropr...	7.104	45	25497	4.442	ng		61
17) 2-Methylphenol	7.104	107	10990	4.126	ng	#	81
18) Hexachloroethane	7.339	117	5804	4.232	ng		96
19) n-Nitroso-di-n-propyla...	7.245	70	11187	4.500	ng		95
20) 3+4-Methylphenols	7.269	107	14769	4.322	ng	#	57
22) Acetophenone	7.251	105	21024	4.437	ng	#	91
24) Nitrobenzene	7.422	77	18265	4.535	ng		99
25) Isophorone	7.657	82	31355	4.639	ng		95
26) 2-Nitrophenol	7.745	139	7067	4.078	ng		93
27) 2,4-Dimethylphenol	7.786	122	7942	3.831	ng		94
28) bis(2-Chloroethoxy)met...	7.869	93	17308	4.205	ng		98
29) 2,4-Dichlorophenol	8.010	162	11317	4.248	ng		98
30) 1,2,4-Trichlorobenzene	8.057	180	13066	4.250	ng		98
31) Naphthalene	8.139	128	42751	4.197	ng		99
32) Benzoic acid	7.963	122	1578m	0.968	ng		
33) 4-Chloroaniline	8.204	127	15293	4.473	ng		96
34) Hexachlorobutadiene	8.245	225	7862	4.222	ng		97
35) Caprolactam	8.539	113	3308	4.161	ng	#	86
36) 4-Chloro-3-methylphenol	8.692	107	13734	4.511	ng		94
37) 2-Methylnaphthalene	8.828	142	27876	4.333	ng		100
38) 1-Methylnaphthalene	8.928	142	26255	4.165	ng		99
40) 1,2,4,5-Tetrachloroben...	8.992	216	12939	4.148	ng		97
43) 2,4,6-Trichlorophenol	9.122	196	6916	3.636	ng		95
44) 2,4,5-Trichlorophenol	9.175	196	7478	3.597	ng	#	88

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Quant Time: Aug 16 17:42:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.286	154	37891	4.309	ng		99
47) 2-Chloronaphthalene	9.316	162	27388	4.187	ng		98
48) 2-Nitroaniline	9.428	65	9529	4.297	ng		92
49) Acenaphthylene	9.727	152	42543	4.586	ng		100
50) Dimethylphthalate	9.586	163	34072	4.745	ng		98
51) 2,6-Dinitrotoluene	9.657	165	6852	4.229	ng	#	72
52) Acenaphthene	9.898	154	26916	4.316	ng		96
53) 3-Nitroaniline	9.839	138	6627	3.956	ng		86
54) 2,4-Dinitrophenol	10.004	184	173	0.232	ng	#	64
55) Dibenzofuran	10.075	168	39971	4.541	ng		95
56) 4-Nitrophenol	10.075	139	18766	18.629	ng	#	7
57) 2,4-Dinitrotoluene	10.075	165	8531	4.127	ng	#	67
58) Fluorene	10.416	166	32436	4.627	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.210	232	6023m	3.789	ng		
60) Diethylphthalate	10.280	149	32378	4.756	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	16067	4.660	ng		93
62) 4-Nitroaniline	10.451	138	5361	3.368	ng	#	76
63) Azobenzene	10.569	77	34851	4.616	ng		96
65) 4,6-Dinitro-2-methylph...	10.492	198	2772	2.234	ng	#	76
66) n-Nitrosodiphenylamine	10.527	169	27353	4.302	ng		97
67) 4-Bromophenyl-phenylether	10.898	248	8807	3.999	ng		94
68) Hexachlorobenzene	10.963	284	9488	4.173	ng		97
69) Atrazine	11.051	200	8486	5.173	ng		97
71) Phenanthrene	11.380	178	48547	4.635	ng		99
72) Anthracene	11.433	178	45636	4.423	ng		99
73) Carbazole	11.598	167	38010	4.270	ng		99
74) Di-n-butylphthalate	11.910	149	49174	4.914	ng		99
75) Fluoranthene	12.574	202	45826	4.687	ng		95
77) Benzidine	12.698	184	10308	3.769	ng	#	96
78) Pyrene	12.804	202	45742	4.249	ng		99
80) Butylbenzylphthalate	13.410	149	15712	4.557	ng		95
81) Benzo(a)anthracene	13.992	228	33160	4.211	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	9009	4.471	ng		93
83) Chrysene	14.027	228	29182	4.108	ng		97
84) Bis(2-ethylhexyl)phtha...	13.963	149	18058	3.577	ng	#	96
85) Di-n-octyl phthalate	14.574	149	24507	2.624	ng	#	90
87) Indeno(1,2,3-cd)pyrene	16.956	276	22023	3.567	ng		96
88) Benzo(b)fluoranthene	15.039	252	24275m	4.546	ng		
89) Benzo(k)fluoranthene	15.068	252	22014	4.761	ng		98
90) Benzo(a)pyrene	15.409	252	20498	4.563	ng		98
91) Dibenzo(a,h)anthracene	16.962	278	18151	3.582	ng		98
92) Benzo(g,h,i)perylene	17.403	276	17584m	3.344	ng		

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

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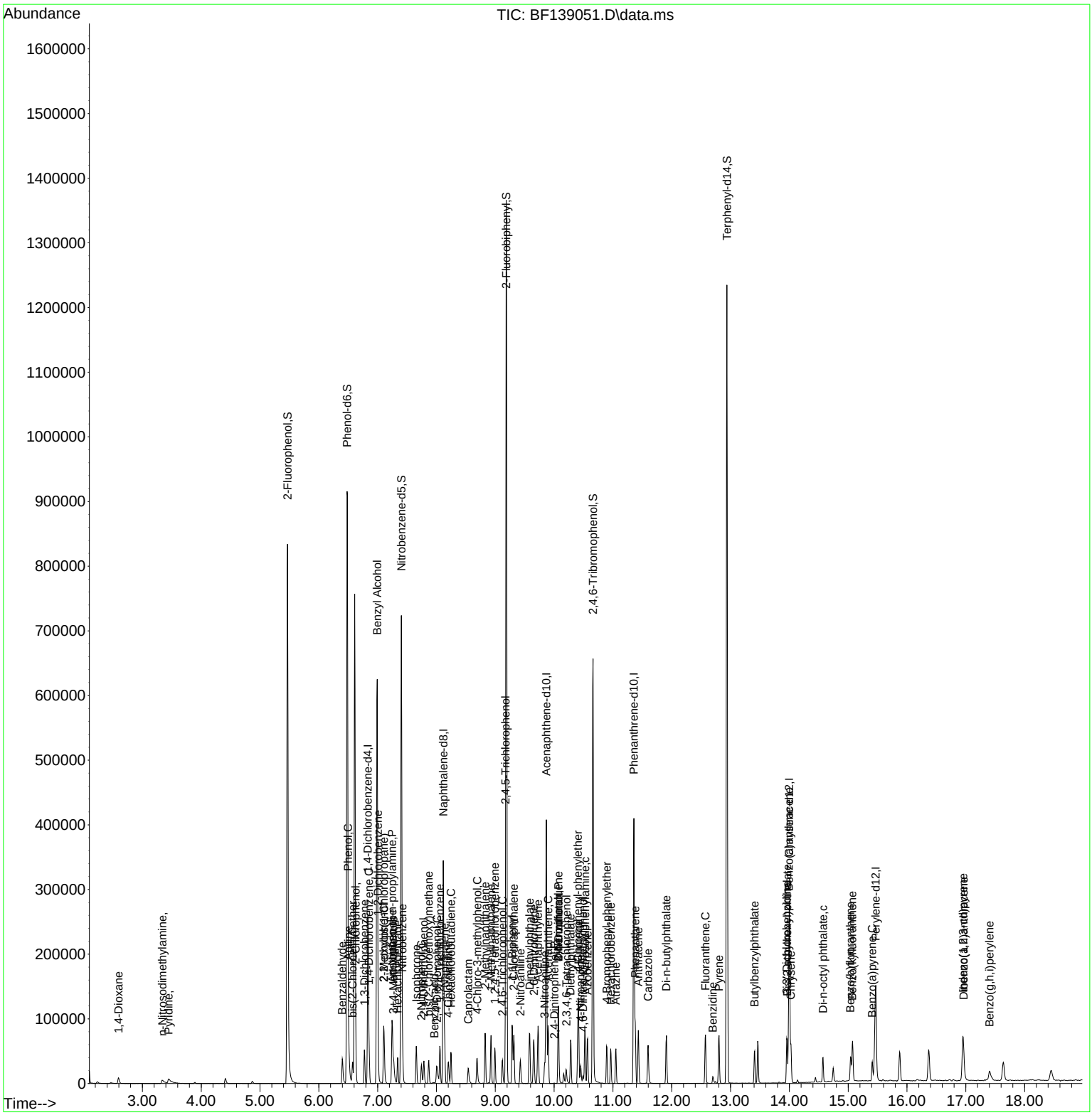
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