Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE102924\
Data File : BE101411.D
Acq On : 29 Oct 2024 17:29
Operator : RC/JU
Sample : P4368-07
Misc : LOD-MDL-WATER 4 PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

Quant Time: Oct 29 18:20:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.570	152	196881	20.000	ng		0.00
21) Naphthalene-d8	10.337	136	1002003	20.000	ng		0.00
39) Acenaphthene-d10	14.180	164	739141	20.000	ng		0.00
64) Phenanthrene-d10	16.918	188	1679536	20.000	ng		0.00
76) Chrysene-d12	21.072	240	1886577	20.000	ng		0.00
86) Perylene-d12	23.363	264	2388640	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.320	112	1188988	105.846	ng		0.00
7) Phenol-d6	6.947	99	1692230	108.643	ng		0.00
23) Nitrobenzene-d5	8.780	82	1209152	75.794	ng		0.00
42) 2,4,6-Tribromophenol	15.684	330	1392146	107.462	ng		0.00
45) 2-Fluorobiphenyl	12.805	172	3056124	70.023	ng		0.00
79) Terphenyl-d14	19.509	244	4629379	56.477	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	15061	3.595	ng		99
3) Pyridine	3.804	79	32776m	2.765	ng		
4) n-Nitrosodimethylamine	3.639	42	14976	3.265	ng	#	68
6) Aniline	7.018	93	65553	5.491	ng		99
8) 2-Chlorophenol	7.218	128	50257	3.730	ng		95
9) Benzaldehyde	6.789	77	38047	5.060	ng		99
10) Phenol	6.971	94	64903m	3.840	ng		
11) bis(2-Chloroethyl)ether	7.047	93	44735m	3.227	ng		
12) 1,3-Dichlorobenzene	7.458	146	50655	3.487	ng		95
13) 1,4-Dichlorobenzene	7.605	146	52715	3.553	ng		98
14) 1,2-Dichlorobenzene	7.934	146	51872	3.572	ng		97
15) Benzyl Alcohol	7.911	79	46213	4.977	ng	#	75
16) 2,2'-oxybis(1-Chloropr...	8.069	45	70049	4.015	ng		99
17) 2-Methylphenol	8.152	107	36963	3.232	ng		98
18) Hexachloroethane	8.628	117	16739	3.455	ng		98
19) n-Nitroso-di-n-propyla...	8.375	70	38911	3.765	ng		99
20) 3+4-Methylphenols	8.492	107	51696	3.274	ng		97
22) Acetophenone	8.428	105	79941	3.514	ng	#	98
24) Nitrobenzene	8.822	77	61171	3.603	ng		98
25) Isophorone	9.274	82	106808	3.431	ng		99
26) 2-Nitrophenol	9.509	139	25622	3.122	ng		98
28) bis(2-Chloroethoxy)met...	9.779	93	63976	3.389	ng		99
29) 2,4-Dichlorophenol	10.061	162	45780	3.204	ng		96
30) 1,2,4-Trichlorobenzene	10.185	180	53003	3.406	ng		99
31) Naphthalene	10.384	128	177318	3.473	ng		99
32) Benzoic acid	9.814	122	11814m	9.137	ng		
33) 4-Chloroaniline	10.614	127	66015	3.718	ng		98
34) Hexachlorobutadiene	10.637	225	30121	3.270	ng		95
35) Caprolactam	11.395	113	14686m	2.682	ng		
36) 4-Chloro-3-methylphenol	11.783	107	49382	3.036	ng		98
37) 2-Methylnaphthalene	11.977	142	129183	3.512	ng		97
38) 1-Methylnaphthalene	12.200	142	120407	3.280	ng		98
40) 1,2,4,5-Tetrachloroben...	12.335	216	64461	3.474	ng		98
43) 2,4,6-Trichlorophenol	12.652	196	39771	3.109	ng		97
44) 2,4,5-Trichlorophenol	12.752	196	44457	3.035	ng		98
46) 1,1'-Biphenyl	13.005	154	186297	3.679	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47)	2-Chloronaphthalene	13.052	162	135283	3.381	ng	98
48)	2-Nitroaniline	13.387	65	30046	2.791	ng	98
49)	Acenaphthylene	13.910	152	213096	3.602	ng	99
50)	Dimethylphthalate	13.681	163	176517	3.383	ng	98
51)	2,6-Dinitrotoluene	13.816	165	34941	2.901	ng	98
52)	Acenaphthene	14.239	154	131038	3.392	ng	99
53)	3-Nitroaniline	14.227	138	35188	2.938	ng	90
54)	2,4-Dinitrophenol	14.362	184	11236	6.837	ng	94
55)	Dibenzofuran	14.585	168	218618	3.550	ng	96
56)	4-Nitrophenol	14.638	139	27129	2.473	ng	96
57)	2,4-Dinitrotoluene	14.603	165	44621	2.691	ng	96
58)	Fluorene	15.220	166	177893	3.453	ng	99
59)	2,3,4,6-Tetrachlorophenol	14.850	232	45055	3.329	ng	98
60)	Diethylphthalate	15.008	149	178947	3.279	ng	98
61)	4-Chlorophenyl-phenyle...	15.208	204	85342	3.339	ng	97
62)	4-Nitroaniline	15.414	138	35298	2.648	ng	97
63)	Azobenzene	15.502	77	158828	3.386	ng	98
65)	4,6-Dinitro-2-methylph...	15.343	198	20631	2.090	ng	97
66)	n-Nitrosodiphenylamine	15.455	169	154207	3.462	ng	97
67)	4-Bromophenyl-phenylether	16.095	248	59230	3.353	ng	97
68)	Hexachlorobenzene	16.201	284	77404	3.342	ng	97
69)	Atrazine	16.389	200	55262	4.047	ng	97
70)	Pentachlorophenol	16.607	266	35185	2.640	ng	97
71)	Phenanthrene	16.953	178	302414	3.761	ng	97
72)	Anthracene	17.041	178	266634	3.396	ng	97
73)	Carbazole	17.370	167	277678	3.456	ng	97
74)	Di-n-butylphthalate	17.823	149	303109	3.427	ng	97
75)	Fluoranthene	18.957	202	356703	3.652	ng	96
77)	Benzidine	19.215	184	71666	2.993	ng	99
78)	Pyrene	19.327	202	385685	3.718	ng	96
80)	Butylbenzylphthalate	20.179	149	154684	3.401	ng	98
81)	Benzo(a)anthracene	21.048	228	419596	3.957	ng	96
82)	3,3'-Dichlorobenzidine	21.031	252	141440	3.405	ng	98
83)	Chrysene	21.107	228	402353	3.924	ng	94
84)	Bis(2-ethylhexyl)phtha...	20.884	149	207093	3.428	ng	96
85)	Di-n-octyl phthalate	21.730	149	354357	3.573	ng	99
87)	Indeno(1,2,3-cd)pyrene	25.661	276	578432	3.618	ng	99
88)	Benzo(b)fluoranthene	22.646	252	431069	3.463	ng	97
89)	Benzo(k)fluoranthene	22.688	252	460902	3.963	ng	97
90)	Benzo(a)pyrene	23.246	252	406842	3.737	ng	97
91)	Dibenzo(a,h)anthracene	25.661	278	471652	3.571	ng	97
92)	Benzo(g,h,i)perylene	26.407	276	451957	3.321	ng	100

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

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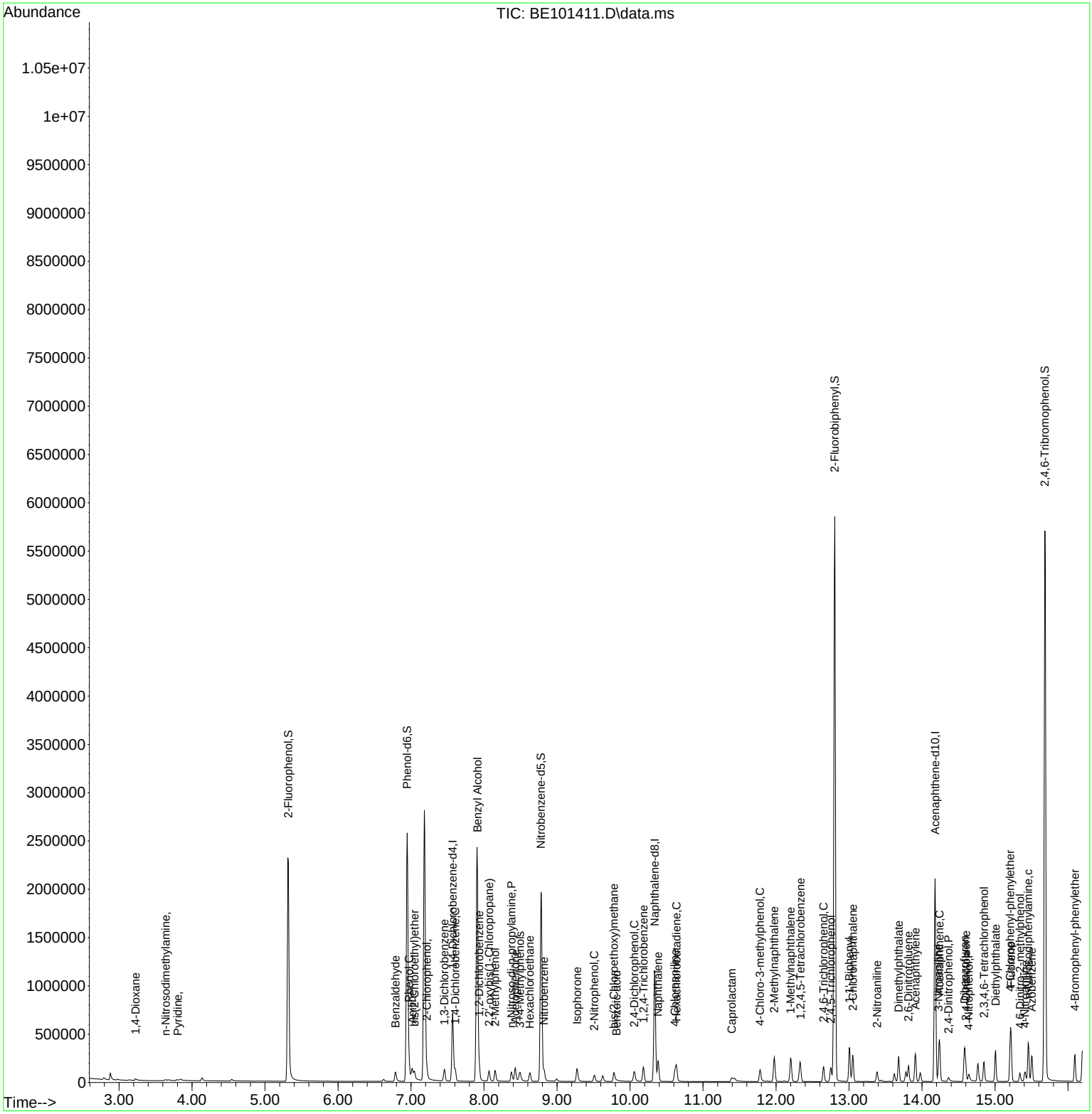

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