Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091924\
Data File : BE101375.D
Acq On : 19 Sep 2024 12:34
Operator : RC/JU
Sample : P2403-09
Misc : MDL-MDL-WATER 8ppm
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 19 13:11:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE091724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 17 16:03:42 2024
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT2-2024

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.575	152	143033	20.000	ng		0.00
21) Naphthalene-d8	10.342	136	677968	20.000	ng		0.00
39) Acenaphthene-d10	14.185	164	488431	20.000	ng		0.00
64) Phenanthrene-d10	16.923	188	1127269	20.000	ng		0.00
76) Chrysene-d12	21.083	240	1344600	20.000	ng		0.00
86) Perylene-d12	23.374	264	1656699	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.319	112	1168021	142.780	ng		0.00
7) Phenol-d6	6.952	99	1582426	136.452	ng		0.00
23) Nitrobenzene-d5	8.786	82	1124812	105.183	ng		0.00
42) 2,4,6-Tribromophenol	15.689	330	1219073	148.392	ng		0.00
45) 2-Fluorobiphenyl	12.810	172	2876723	101.778	ng		0.00
79) Terphenyl-d14	19.520	244	4583382	75.583	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.221	88	30045	9.645	ng		98
3) Pyridine	3.756	79	67101m	7.478	ng		
4) n-Nitrosodimethylamine	3.615	42	29143	9.040	ng	#	93
6) Aniline	7.017	93	114287	11.746	ng		98
8) 2-Chlorophenol	7.217	128	90405	9.197	ng		98
9) Benzaldehyde	6.788	77	69197	12.983	ng		97
10) Phenol	6.976	94	108461	8.509	ng		98
11) bis(2-Chloroethyl)ether	7.046	93	89755m	8.320	ng		
12) 1,3-Dichlorobenzene	7.458	146	95898	9.077	ng		99
13) 1,4-Dichlorobenzene	7.605	146	97382	9.047	ng		98
14) 1,2-Dichlorobenzene	7.934	146	96810	9.076	ng		99
15) Benzyl Alcohol	7.916	79	74559	10.797	ng		86
16) 2,2'-oxybis(1-Chloropr...	8.075	45	132254	9.727	ng		98
17) 2-Methylphenol	8.157	107	71110	8.419	ng		100
18) Hexachloroethane	8.633	117	31797	9.033	ng		98
19) n-Nitroso-di-n-propyla...	8.380	70	69076	8.440	ng		97
20) 3+4-Methylphenols	8.498	107	96283	8.102	ng		98
22) Acetophenone	8.427	105	146750	9.334	ng	#	99
24) Nitrobenzene	8.827	77	107245	9.393	ng		98
25) Isophorone	9.279	82	199846	9.129	ng		99
26) 2-Nitrophenol	9.514	139	46746	8.676	ng		96
27) 2,4-Dimethylphenol	9.632	122	50858	7.352	ng		99
28) bis(2-Chloroethoxy)met...	9.784	93	119501	9.024	ng		98
29) 2,4-Dichlorophenol	10.060	162	82161	8.674	ng		97
30) 1,2,4-Trichlorobenzene	10.190	180	93601	9.143	ng		99
31) Naphthalene	10.390	128	318756	9.318	ng		99
32) Benzoic acid	9.825	122	30357m	10.831	ng		
33) 4-Chloroaniline	10.619	127	122789	9.382	ng		100
34) Hexachlorobutadiene	10.642	225	52758	8.870	ng		98
35) Caprolactam	11.400	113	31084m	8.123	ng		
36) 4-Chloro-3-methylphenol	11.788	107	92652	8.278	ng		98
37) 2-Methylnaphthalene	11.982	142	225501	9.014	ng		99
38) 1-Methylnaphthalene	12.205	142	216320	8.619	ng		98
40) 1,2,4,5-Tetrachloroben...	12.334	216	110416	9.384	ng		100
41) Hexachlorocyclopentadiene	12.323	237	32252	8.342	ng		95
43) 2,4,6-Trichlorophenol	12.657	196	71472	8.577	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.757	196	77663	8.261	ng		96
46) 1,1'-Biphenyl	13.010	154	324002	9.789	ng		98
47) 2-Chloronaphthalene	13.057	162	235016	9.026	ng		98
48) 2-Nitroaniline	13.392	65	56452	8.059	ng		96
49) Acenaphthylene	13.915	152	387152	9.965	ng		98
50) Dimethylphthalate	13.686	163	327613	9.295	ng		98
51) 2,6-Dinitrotoluene	13.821	165	65917	8.357	ng		98
52) Acenaphthene	14.244	154	231741	9.049	ng		98
53) 3-Nitroaniline	14.232	138	67883	8.367	ng		95
54) 2,4-Dinitrophenol	14.367	184	27446	5.845	ng		93
55) Dibenzofuran	14.590	168	390203	9.646	ng		97
56) 4-Nitrophenol	14.649	139	58806	8.718	ng		96
57) 2,4-Dinitrotoluene	14.608	165	84645	7.883	ng		92
58) Fluorene	15.225	166	313737	9.205	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.855	232	78261	8.802	ng		97
60) Diethylphthalate	15.013	149	343310	9.389	ng		98
61) 4-Chlorophenyl-phenyle...	15.213	204	150758	9.017	ng		98
62) 4-Nitroaniline	15.419	138	71455	8.451	ng		97
63) Azobenzene	15.513	77	292927	9.374	ng		98
65) 4,6-Dinitro-2-methylph...	15.348	198	43461	6.790	ng		92
66) n-Nitrosodiphenylamine	15.466	169	279076	9.288	ng		100
67) 4-Bromophenyl-phenylether	16.100	248	102547	8.757	ng		98
68) Hexachlorobenzene	16.206	284	131895	8.715	ng		99
69) Atrazine	16.394	200	105911	10.674	ng		99
70) Pentachlorophenol	16.612	266	68010	7.521	ng		97
71) Phenanthrene	16.964	178	534458	9.983	ng		98
72) Anthracene	17.046	178	506970	9.731	ng		97
73) Carbazole	17.381	167	521552	9.769	ng		98
74) Di-n-butylphthalate	17.828	149	599543	10.227	ng	#	95
75) Fluoranthene	18.968	202	658615	10.219	ng		94
77) Benzidine	19.220	184	241403	10.818	ng		98
78) Pyrene	19.338	202	713992	9.548	ng		92
80) Butylbenzylphthalate	20.190	149	308805	9.328	ng		99
81) Benzo(a)anthracene	21.059	228	780259	10.333	ng		92
82) 3,3'-Dichlorobenzidine	21.042	252	285081	9.635	ng		98
83) Chrysene	21.118	228	754529	10.402	ng		92
84) Bis(2-ethylhexyl)phtha...	20.895	149	406702	9.290	ng		93
85) Di-n-octyl phthalate	21.741	149	715971	10.019	ng		99
87) Indeno(1,2,3-cd)pyrene	25.689	276	1071939	9.821	ng		98
88) Benzo(b)fluoranthene	22.663	252	816498	9.516	ng		95
89) Benzo(k)fluoranthene	22.704	252	860974	10.631	ng		94
90) Benzo(a)pyrene	23.263	252	766260	10.119	ng		97
91) Dibenzo(a,h)anthracene	25.677	278	887923	9.717	ng		98
92) Benzo(g,h,i)perylene	26.435	276	833401	8.982	ng		98

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

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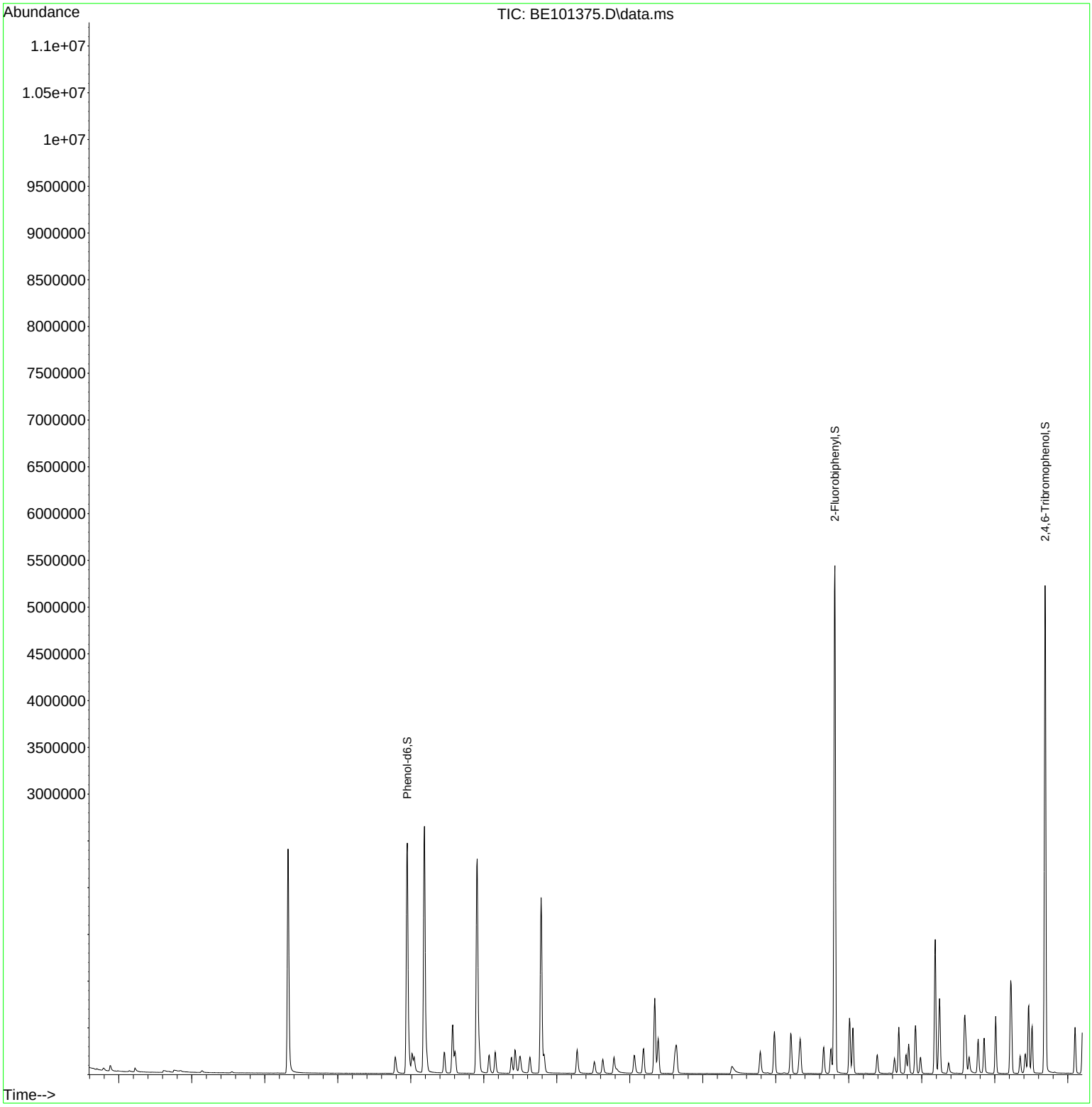

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