Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091824\
Data File : BE101361.D
Acq On : 18 Sep 2024 13:35
Operator : RC/JU
Sample : P2403-08
Misc : LOQ-WATER-10PPM
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 18 14:55:55 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 :
LOQ-WATER-02-QT2-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.576	152	146427	20.000	ng		0.00
21) Naphthalene-d8	10.344	136	716556	20.000	ng		0.00
39) Acenaphthene-d10	14.180	164	519414	20.000	ng		0.00
64) Phenanthrene-d10	16.918	188	1231823	20.000	ng		0.00
76) Chrysene-d12	21.078	240	1448795	20.000	ng		0.00
86) Perylene-d12	23.369	264	1748064	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.320	112	749180	89.458	ng		0.00
7) Phenol-d6	6.948	99	1009399	85.022	ng		0.00
23) Nitrobenzene-d5	8.787	82	714005	63.172	ng		0.00
42) 2,4,6-Tribromophenol	15.690	330	796924	91.219	ng		0.00
45) 2-Fluorobiphenyl	12.805	172	1946038	64.744	ng		0.00
79) Terphenyl-d14	19.515	244	3750568	57.401	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	24213	7.593	ng	#	97
3) Pyridine	3.792	79	56080m	6.105	ng		
4) n-Nitrosodimethylamine	3.640	42	25936m	7.859	ng		
6) Aniline	7.018	93	93397	9.377	ng		100
8) 2-Chlorophenol	7.218	128	76218	7.574	ng		97
9) Benzaldehyde	6.795	77	58500	10.722	ng		96
10) Phenol	6.977	94	86428	6.623	ng		96
11) bis(2-Chloroethyl)ether	7.047	93	76690m	6.944	ng		
12) 1,3-Dichlorobenzene	7.459	146	79507	7.351	ng		97
13) 1,4-Dichlorobenzene	7.606	146	82801	7.514	ng		100
14) 1,2-Dichlorobenzene	7.935	146	81378	7.453	ng		99
15) Benzyl Alcohol	7.923	79	57543	8.140	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.070	45	111111	7.983	ng		100
17) 2-Methylphenol	8.158	107	57072	6.601	ng		99
18) Hexachloroethane	8.634	117	26674	7.402	ng		97
19) n-Nitroso-di-n-propyla...	8.381	70	59381	7.087	ng		96
20) 3+4-Methylphenols	8.499	107	76122	6.257	ng		98
22) Acetophenone	8.428	105	124587	7.498	ng	#	97
24) Nitrobenzene	8.828	77	87781	7.275	ng		99
25) Isophorone	9.280	82	171192	7.399	ng		98
26) 2-Nitrophenol	9.515	139	37467	6.579	ng		95
27) 2,4-Dimethylphenol	9.633	122	37369	5.111	ng		96
28) bis(2-Chloroethoxy)met...	9.785	93	101526	7.254	ng		100
29) 2,4-Dichlorophenol	10.062	162	67448	6.737	ng		98
30) 1,2,4-Trichlorobenzene	10.185	180	77221	7.137	ng		97
31) Naphthalene	10.391	128	266756	7.378	ng		99
32) Benzoic acid	9.832	122	46161m	12.360	ng		
33) 4-Chloroaniline	10.620	127	100471	7.263	ng		98
34) Hexachlorobutadiene	10.643	225	44380	7.060	ng		96
35) Caprolactam	11.401	113	26102m	6.453	ng		
36) 4-Chloro-3-methylphenol	11.789	107	76991	6.508	ng		98
37) 2-Methylnaphthalene	11.983	142	188965	7.146	ng		98
38) 1-Methylnaphthalene	12.206	142	180953	6.821	ng		99
40) 1,2,4,5-Tetrachloroben...	12.335	216	94667	7.566	ng		99
41) Hexachlorocyclopentadiene	12.318	237	48779	11.865	ng		96
43) 2,4,6-Trichlorophenol	12.653	196	59829	6.752	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.753	196	65945	6.596	ng		96
46) 1,1'-Biphenyl	13.011	154	270072	7.673	ng		98
47) 2-Chloronaphthalene	13.058	162	200809	7.253	ng		97
48) 2-Nitroaniline	13.387	65	47598	6.389	ng		95
49) Acenaphthylene	13.916	152	321450	7.781	ng		98
50) Dimethylphthalate	13.687	163	282855	7.547	ng		99
51) 2,6-Dinitrotoluene	13.822	165	54625	6.513	ng		98
52) Acenaphthene	14.245	154	197174	7.240	ng		96
53) 3-Nitroaniline	14.233	138	54017	6.261	ng		96
54) 2,4-Dinitrophenol	14.368	184	29340	5.876	ng		96
55) Dibenzofuran	14.586	168	331907	7.716	ng		97
56) 4-Nitrophenol	14.650	139	51721m	7.210	ng		
57) 2,4-Dinitrotoluene	14.603	165	69586	6.094	ng	#	85
58) Fluorene	15.226	166	268076	7.396	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.856	232	68607	7.256	ng		99
60) Diethylphthalate	15.015	149	293246	7.541	ng		98
61) 4-Chlorophenyl-phenyle...	15.214	204	131471	7.395	ng		97
62) 4-Nitroaniline	15.420	138	56565	6.291	ng		99
63) Azobenzene	15.508	77	256774	7.727	ng		95
65) 4,6-Dinitro-2-methylph...	15.349	198	51878	7.417	ng		97
66) n-Nitrosodiphenylamine	15.461	169	241997	7.370	ng		99
67) 4-Bromophenyl-phenylether	16.102	248	87813	6.862	ng		97
68) Hexachlorobenzene	16.201	284	112127	6.780	ng		99
69) Atrazine	16.395	200	90140	8.314	ng		99
70) Pentachlorophenol	16.613	266	111440	11.278	ng		100
71) Phenanthrene	16.959	178	458908	7.844	ng		97
72) Anthracene	17.047	178	431088	7.572	ng		97
73) Carbazole	17.377	167	444751	7.623	ng		97
74) Di-n-butylphthalate	17.829	149	517239	8.074	ng	#	94
75) Fluoranthene	18.963	202	569832	8.091	ng		96
77) Benzidine	19.221	184	174453m	7.255	ng		
78) Pyrene	19.333	202	611864	7.593	ng		92
80) Butylbenzylphthalate	20.185	149	267745	7.506	ng		98
81) Benzo(a)anthracene	21.060	228	671896	8.258	ng		92
82) 3,3'-Dichlorobenzidine	21.037	252	241384	7.572	ng		98
83) Chrysene	21.113	228	653388	8.360	ng		91
84) Bis(2-ethylhexyl)phtha...	20.890	149	364630	7.730	ng	#	94
85) Di-n-octyl phthalate	21.742	149	644831	8.374	ng		99
87) Indeno(1,2,3-cd)pyrene	25.684	276	905283	7.861	ng		98
88) Benzo(b)fluoranthene	22.659	252	688898	7.609	ng		96
89) Benzo(k)fluoranthene	22.700	252	733625	8.585	ng		95
90) Benzo(a)pyrene	23.258	252	652708	8.169	ng		97
91) Dibenzo(a,h)anthracene	25.679	278	755235	7.833	ng		98
92) Benzo(g,h,i)perylene	26.431	276	704837	7.199	ng		96

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

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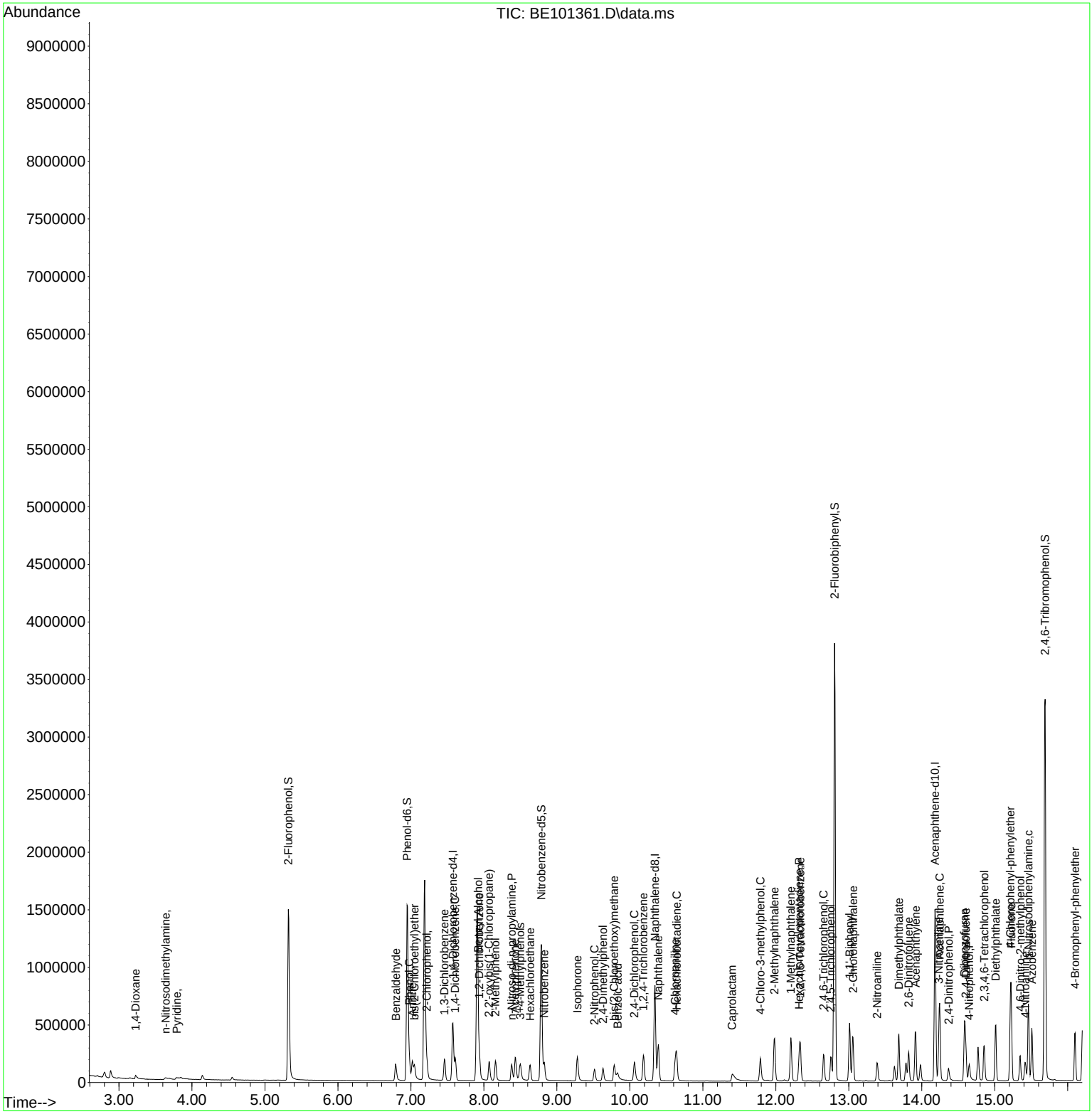

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