Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091824\
Data File : BE101365.D
Acq On : 18 Sep 2024 16:02
Operator : RC/JU
Sample : P2403-07
Misc : LOD-MDL-WATER-4PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Manual Integrations APPROVED

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

Quant Time: Sep 18 16:51:47 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.576	152	175806	20.000	ng		0.00
21) Naphthalene-d8	10.343	136	830538	20.000	ng		0.00
39) Acenaphthene-d10	14.180	164	601490	20.000	ng		0.00
64) Phenanthrene-d10	16.918	188	1438206	20.000	ng		0.00
76) Chrysene-d12	21.084	240	1745605	20.000	ng		0.00
86) Perylene-d12	23.369	264	2159113	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.320	112	1209326	120.271	ng		0.00
7) Phenol-d6	6.953	99	1645060	115.409	ng		0.00
23) Nitrobenzene-d5	8.786	82	1125927	85.946	ng		0.00
42) 2,4,6-Tribromophenol	15.690	330	1283536	126.871	ng		0.00
45) 2-Fluorobiphenyl	12.805	172	2885342	82.895	ng		0.00
79) Terphenyl-d14	19.515	244	4726708	60.040	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	15838	4.137	ng		98
3) Pyridine	3.886	79	30752m	2.788	ng		
4) n-Nitrosodimethylamine	3.669	42	16362m	4.129	ng		
6) Aniline	7.018	93	54826	4.585	ng		97
8) 2-Chlorophenol	7.218	128	47478	3.930	ng		94
9) Benzaldehyde	6.795	77	35957	5.489	ng		99
10) Phenol	6.977	94	55666	3.553	ng		89
11) bis(2-Chloroethyl)ether	7.047	93	48530m	3.660	ng		
12) 1,3-Dichlorobenzene	7.459	146	49152	3.785	ng		97
13) 1,4-Dichlorobenzene	7.611	146	51133	3.865	ng		97
14) 1,2-Dichlorobenzene	7.934	146	49131	3.748	ng		97
15) Benzyl Alcohol	7.917	79	43402	5.114	ng	#	70
16) 2,2'-oxybis(1-Chloropr...	8.075	45	67974	4.067	ng		98
17) 2-Methylphenol	8.158	107	34056	3.280	ng		96
18) Hexachloroethane	8.628	117	16091	3.719	ng		92
19) n-Nitroso-di-n-propyla...	8.381	70	35267	3.506	ng		94
20) 3+4-Methylphenols	8.498	107	47142	3.227	ng		96
22) Acetophenone	8.434	105	74938	3.891	ng	#	97
24) Nitrobenzene	8.827	77	55926	3.999	ng		98
25) Isophorone	9.280	82	97986	3.654	ng		98
26) 2-Nitrophenol	9.515	139	22009	3.334	ng		94
27) 2,4-Dimethylphenol	9.632	122	20921	2.469	ng		98
28) bis(2-Chloroethoxy)met...	9.785	93	60977	3.759	ng		96
29) 2,4-Dichlorophenol	10.061	162	40467	3.487	ng		99
30) 1,2,4-Trichlorobenzene	10.191	180	48304	3.851	ng		96
31) Naphthalene	10.390	128	165250	3.943	ng		99
32) Benzoic acid	9.820	122	11887m	8.458	ng		
33) 4-Chloroaniline	10.625	127	58926	3.675	ng		99
34) Hexachlorobutadiene	10.637	225	27986	3.841	ng		97
35) Caprolactam	11.413	113	14266m	3.043	ng		
36) 4-Chloro-3-methylphenol	11.789	107	44835	3.270	ng		95
37) 2-Methylnaphthalene	11.983	142	115324	3.763	ng		99
38) 1-Methylnaphthalene	12.206	142	110314	3.588	ng		98
40) 1,2,4,5-Tetrachloroben...	12.335	216	57089	3.940	ng		100
41) Hexachlorocyclopentadiene	12.318	237	10030	2.107	ng		99
43) 2,4,6-Trichlorophenol	12.658	196	34552	3.367	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.758	196	37566	3.245	ng		97
46) 1,1'-Biphenyl	13.011	154	168868	4.143	ng		99
47) 2-Chloronaphthalene	13.052	162	122784	3.829	ng		97
48) 2-Nitroaniline	13.393	65	25568	2.964	ng		94
49) Acenaphthylene	13.916	152	195561	4.088	ng		99
50) Dimethylphthalate	13.687	163	168320	3.878	ng		99
51) 2,6-Dinitrotoluene	13.822	165	30357	3.125	ng		93
52) Acenaphthene	14.245	154	121507	3.853	ng		98
53) 3-Nitroaniline	14.233	138	29311	2.934	ng		93
55) Dibenzofuran	14.585	168	202894	4.073	ng		99
56) 4-Nitrophenol	14.650	139	27390m	3.297	ng		
57) 2,4-Dinitrotoluene	14.603	165	38612	2.920	ng	#	83
58) Fluorene	15.226	166	164454	3.918	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.856	232	40132	3.665	ng		99
60) Diethylphthalate	15.014	149	172396	3.828	ng		97
61) 4-Chlorophenyl-phenyle...	15.214	204	79575	3.865	ng		99
62) 4-Nitroaniline	15.420	138	30752	2.953	ng		96
63) Azobenzene	15.508	77	147364	3.830	ng		96
65) 4,6-Dinitro-2-methylph...	15.349	198	18358	2.248	ng		96
66) n-Nitrosodiphenylamine	15.461	169	144433	3.768	ng		97
67) 4-Bromophenyl-phenylether	16.101	248	52708	3.528	ng		98
68) Hexachlorobenzene	16.201	284	69586	3.604	ng		98
69) Atrazine	16.395	200	56119	4.433	ng		99
70) Pentachlorophenol	16.612	266	33642	2.916	ng		98
71) Phenanthrene	16.959	178	287225	4.205	ng		96
72) Anthracene	17.047	178	253735	3.817	ng		96
73) Carbazole	17.376	167	268062	3.935	ng		97
74) Di-n-butylphthalate	17.829	149	303095	4.052	ng	#	95
75) Fluoranthene	18.963	202	354081	4.306	ng		94
77) Benzidine	19.221	184	85932	2.966	ng		98
78) Pyrene	19.333	202	386913	3.985	ng		92
80) Butylbenzylphthalate	20.185	149	162090	3.772	ng		97
81) Benzo(a)anthracene	21.060	228	427892	4.365	ng		92
82) 3,3'-Dichlorobenzidine	21.037	252	139926	3.643	ng		99
83) Chrysene	21.113	228	415465	4.412	ng		91
84) Bis(2-ethylhexyl)phtha...	20.890	149	216393	3.807	ng	#	94
85) Di-n-octyl phthalate	21.742	149	385110	4.151	ng		100
87) Indeno(1,2,3-cd)pyrene	25.678	276	572478	4.024	ng		99
88) Benzo(b)fluoranthene	22.658	252	439969	3.934	ng		95
89) Benzo(k)fluoranthene	22.699	252	465452	4.410	ng		95
90) Benzo(a)pyrene	23.258	252	414160	4.197	ng		96
91) Dibenzo(a,h)anthracene	25.678	278	475286	3.991	ng		99
92) Benzo(g,h,i)perylene	26.425	276	455534	3.767	ng		97

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

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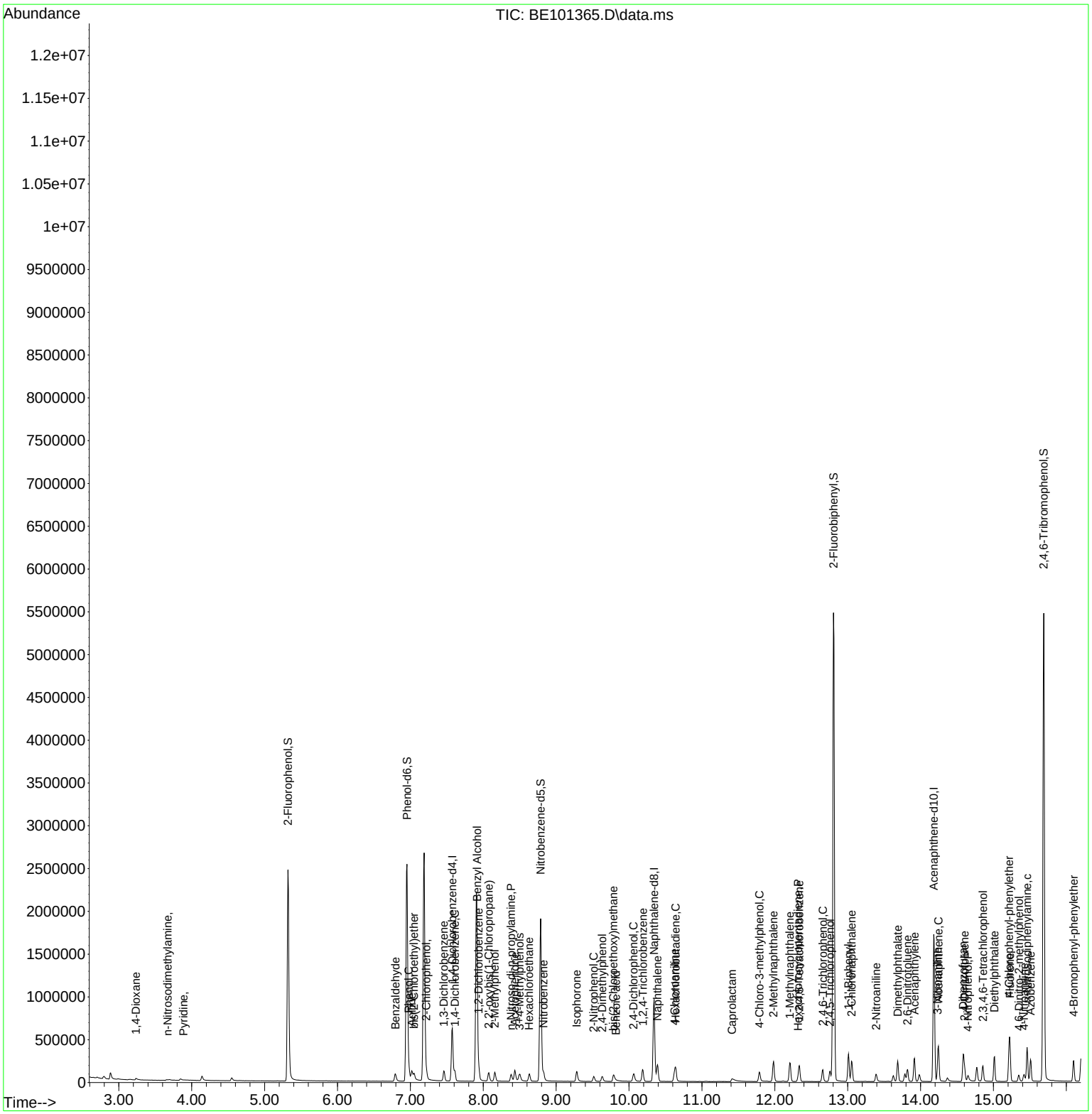

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