Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE102924\
Data File : BE101405.D
Acq On : 29 Oct 2024 13:57
Operator : RC/JU
Sample : P4368-08
Misc : LOQ-WATER-10 PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

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

Quant Time: Oct 29 14:36:21 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	102959	20.000	ng		0.00
21) Naphthalene-d8	10.337	136	515854	20.000	ng		0.00
39) Acenaphthene-d10	14.180	164	383768	20.000	ng		0.00
64) Phenanthrene-d10	16.918	188	885186	20.000	ng		0.00
76) Chrysene-d12	21.072	240	1000765	20.000	ng		0.00
86) Perylene-d12	23.363	264	1182635	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.320	112	499504	85.030	ng		0.00
7) Phenol-d6	6.947	99	710833	87.267	ng		0.00
23) Nitrobenzene-d5	8.780	82	504279	61.400	ng		0.00
42) 2,4,6-Tribromophenol	15.684	330	596703	88.713	ng		0.00
45) 2-Fluorobiphenyl	12.805	172	1465285	64.662	ng		0.00
79) Terphenyl-d14	19.509	244	2787509	64.107	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.216	88	28590	13.049	ng		97
3) Pyridine	3.733	79	52381	8.450	ng	#	94
4) n-Nitrosodimethylamine	3.610	42	27169	11.328	ng	#	83
6) Aniline	7.012	93	107644	17.244	ng		99
8) 2-Chlorophenol	7.212	128	87072	12.358	ng		97
9) Benzaldehyde	6.783	77	64326	16.359	ng		96
10) Phenol	6.971	94	113157	12.804	ng		98
11) bis(2-Chloroethyl)ether	7.041	93	83044m	11.454	ng		
12) 1,3-Dichlorobenzene	7.458	146	91508	12.045	ng		99
13) 1,4-Dichlorobenzene	7.605	146	95328	12.287	ng		97
14) 1,2-Dichlorobenzene	7.934	146	91730	12.079	ng		100
15) Benzyl Alcohol	7.917	79	59621	12.279	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.069	45	122881	13.468	ng		99
17) 2-Methylphenol	8.152	107	66504	11.118	ng		98
18) Hexachloroethane	8.628	117	29879	11.793	ng		98
19) n-Nitroso-di-n-propyla...	8.375	70	70166	12.981	ng		97
20) 3+4-Methylphenols	8.487	107	92932	11.255	ng		97
22) Acetophenone	8.422	105	144703	12.354	ng	#	98
24) Nitrobenzene	8.821	77	101824	11.648	ng		99
25) Isophorone	9.274	82	194473	12.134	ng		99
26) 2-Nitrophenol	9.509	139	46817	11.081	ng		96
27) 2,4-Dimethylphenol	9.626	122	44405	8.352	ng		98
28) bis(2-Chloroethoxy)met...	9.779	93	119892	12.335	ng		98
29) 2,4-Dichlorophenol	10.055	162	84682	11.513	ng		97
30) 1,2,4-Trichlorobenzene	10.185	180	93934	11.724	ng		99
31) Naphthalene	10.384	128	314301	11.956	ng		99
32) Benzoic acid	9.832	122	41573	14.516	ng		96
33) 4-Chloroaniline	10.614	127	121369	13.277	ng		99
34) Hexachlorobutadiene	10.637	225	53013	11.178	ng		98
35) Caprolactam	11.383	113	30734	10.901	ng		96
36) 4-Chloro-3-methylphenol	11.783	107	96762	11.554	ng		98
37) 2-Methylnaphthalene	11.977	142	233036	12.305	ng		99
38) 1-Methylnaphthalene	12.200	142	219089	11.591	ng		98
40) 1,2,4,5-Tetrachloroben...	12.329	216	116103	12.051	ng		99
41) Hexachlorocyclopentadiene	12.317	237	38509	12.103	ng		100
43) 2,4,6-Trichlorophenol	12.652	196	76549	11.526	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.752	196	84162	11.066	ng	98
46) 1,1'-Biphenyl	13.005	154	329618	12.537	ng	98
47) 2-Chloronaphthalene	13.052	162	245468	11.817	ng	98
48) 2-Nitroaniline	13.381	65	64187	11.482	ng	91
49) Acenaphthylene	13.910	152	401105	13.057	ng	99
50) Dimethylphthalate	13.680	163	334147	12.335	ng	99
51) 2,6-Dinitrotoluene	13.816	165	69254	11.073	ng	99
52) Acenaphthene	14.239	154	240712	12.000	ng	99
53) 3-Nitroaniline	14.227	138	72993	11.737	ng	97
54) 2,4-Dinitrophenol	14.362	184	34241	12.781	ng	94
55) Dibenzofuran	14.585	168	396901	12.414	ng	97
56) 4-Nitrophenol	14.644	139	58087	10.200	ng	96
57) 2,4-Dinitrotoluene	14.603	165	92103	10.697	ng	94
58) Fluorene	15.220	166	326960	12.225	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.850	232	83944	11.946	ng	99
60) Diethylphthalate	15.008	149	342171	12.076	ng	98
61) 4-Chlorophenyl-phenyle...	15.208	204	159082	11.986	ng	98
62) 4-Nitroaniline	15.408	138	75796	10.953	ng	99
63) Azobenzene	15.502	77	305299	12.535	ng	97
65) 4,6-Dinitro-2-methylph...	15.343	198	60179	11.570	ng	99
66) n-Nitrosodiphenylamine	15.455	169	290983	12.396	ng	97
67) 4-Bromophenyl-phenylether	16.095	248	109379	11.747	ng	97
68) Hexachlorobenzene	16.201	284	140553	11.516	ng	96
69) Atrazine	16.389	200	104583	14.532	ng	97
70) Pentachlorophenol	16.606	266	106856	15.210	ng	98
71) Phenanthrene	16.953	178	547107	12.909	ng	98
72) Anthracene	17.041	178	512126	12.375	ng	98
73) Carbazole	17.370	167	516784	12.205	ng	99
74) Di-n-butylphthalate	17.823	149	585650	12.563	ng	97
75) Fluoranthene	18.963	202	658217	12.787	ng	95
77) Benzidine	19.215	184	144027	11.339	ng	98
78) Pyrene	19.327	202	703539	12.784	ng	96
80) Butylbenzylphthalate	20.179	149	291922	12.100	ng	98
81) Benzo(a)anthracene	21.054	228	754187	13.408	ng	95
82) 3,3'-Dichlorobenzidine	21.031	252	270946	12.296	ng	100
83) Chrysene	21.107	228	736396	13.540	ng	94
84) Bis(2-ethylhexyl)phtha...	20.884	149	387392	12.087	ng	96
85) Di-n-octyl phthalate	21.730	149	674184	12.816	ng	99
87) Indeno(1,2,3-cd)pyrene	25.666	276	1077630	13.615	ng	99
88) Benzo(b)fluoranthene	22.646	252	804864	13.059	ng	98
89) Benzo(k)fluoranthene	22.693	252	820784	14.255	ng	96
90) Benzo(a)pyrene	23.252	252	753663	13.983	ng	97
91) Dibenzo(a,h)anthracene	25.666	278	886002	13.548	ng	99
92) Benzo(g,h,i)perylene	26.419	276	825497	12.251	ng	99

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

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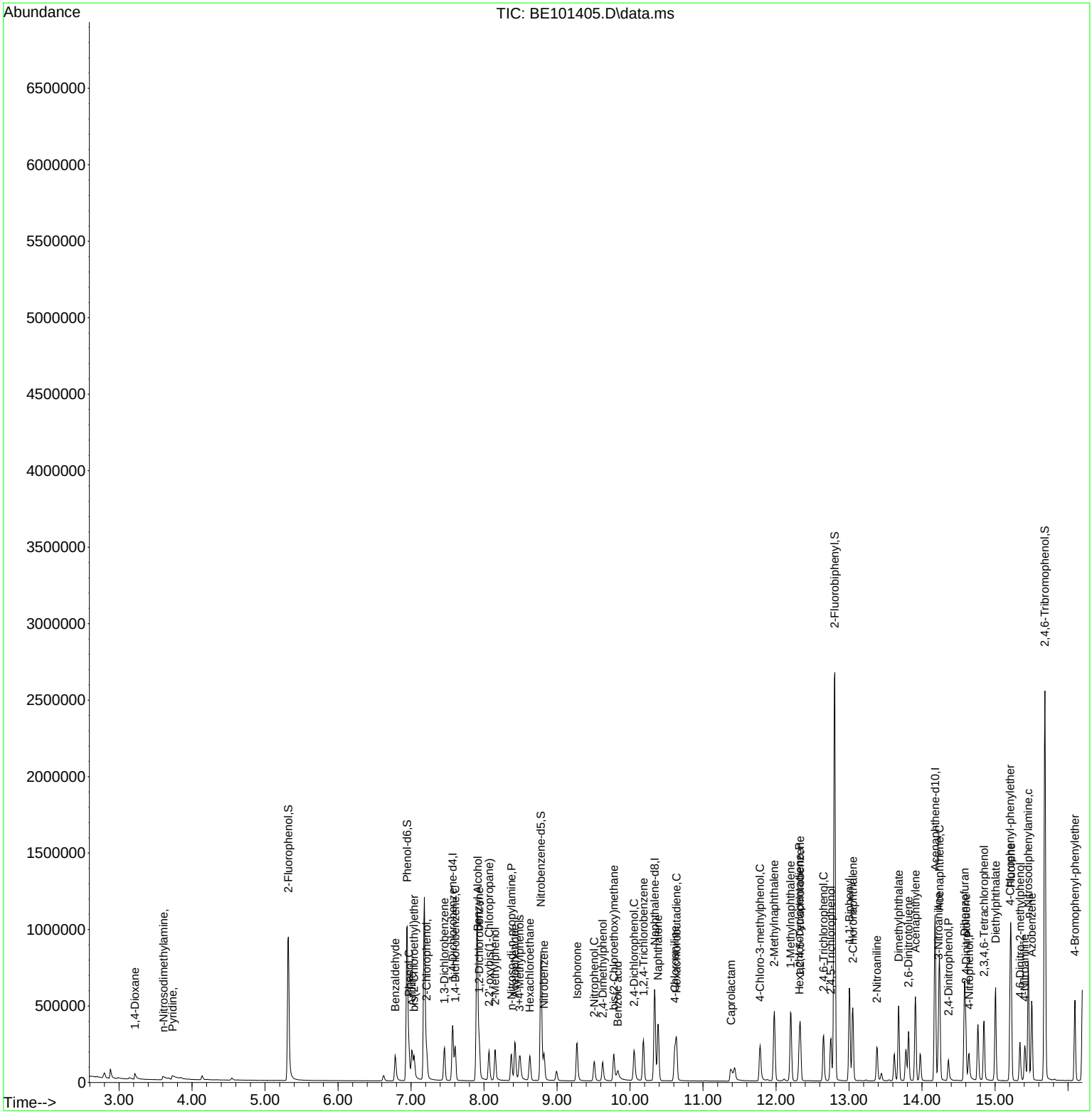

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