Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE102924\
Data File : BE101406.D
Acq On : 29 Oct 2024 14:33
Operator : RC/JU
Sample : P4368-08
Misc : LOQ-WATER-10 PPM
ALS Vial : 8 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 15:19:22 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	126569	20.000	ng		0.00
21) Naphthalene-d8	10.338	136	612243	20.000	ng		0.00
39) Acenaphthene-d10	14.180	164	456923	20.000	ng		0.00
64) Phenanthrene-d10	16.912	188	1069244	20.000	ng		0.00
76) Chrysene-d12	21.072	240	1187153	20.000	ng		0.00
86) Perylene-d12	23.358	264	1494432	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.320	112	722648	100.069	ng		0.00
7) Phenol-d6	6.947	99	1004741	100.340	ng		0.00
23) Nitrobenzene-d5	8.781	82	713716	73.219	ng		0.00
42) 2,4,6-Tribromophenol	15.684	330	857692	107.099	ng		0.00
45) 2-Fluorobiphenyl	12.805	172	2004760	74.304	ng		0.00
79) Terphenyl-d14	19.509	244	3611396	70.015	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.222	88	24310	9.026	ng		98
3) Pyridine	3.751	79	50209	6.589	ng	#	91
4) n-Nitrosodimethylamine	3.610	42	23998m	8.139	ng		
6) Aniline	7.018	93	93008m	12.120	ng		
8) 2-Chlorophenol	7.212	128	76587	8.842	ng		97
9) Benzaldehyde	6.789	77	56879	11.767	ng		99
10) Phenol	6.971	94	96478m	8.880	ng		
11) bis(2-Chloroethyl)ether	7.041	93	74109m	8.315	ng		
12) 1,3-Dichlorobenzene	7.459	146	80103	8.577	ng		100
13) 1,4-Dichlorobenzene	7.605	146	81965	8.594	ng		98
14) 1,2-Dichlorobenzene	7.934	146	80950	8.671	ng		99
15) Benzyl Alcohol	7.917	79	54626	9.152	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.070	45	104969	9.359	ng		98
17) 2-Methylphenol	8.152	107	59351	8.071	ng		98
18) Hexachloroethane	8.628	117	25790	8.280	ng		97
19) n-Nitroso-di-n-propyla...	8.375	70	59304	8.925	ng	#	97
20) 3+4-Methylphenols	8.487	107	81463	8.026	ng		95
22) Acetophenone	8.422	105	121667	8.752	ng	#	98
24) Nitrobenzene	8.822	77	88463	8.527	ng		100
25) Isophorone	9.274	82	170640	8.971	ng		99
26) 2-Nitrophenol	9.509	139	41059	8.188	ng		97
27) 2,4-Dimethylphenol	9.627	122	45257	7.172	ng		97
28) bis(2-Chloroethoxy)met...	9.779	93	102171	8.857	ng		98
29) 2,4-Dichlorophenol	10.056	162	72800	8.340	ng		98
30) 1,2,4-Trichlorobenzene	10.185	180	79632	8.374	ng		98
31) Naphthalene	10.385	128	269998	8.654	ng		99
32) Benzoic acid	9.820	122	25115m	11.422	ng		
33) 4-Chloroaniline	10.614	127	105691	9.742	ng		98
34) Hexachlorobutadiene	10.637	225	46164	8.201	ng		99
35) Caprolactam	11.383	113	25754	7.697	ng		91
36) 4-Chloro-3-methylphenol	11.783	107	82916	8.342	ng		98
37) 2-Methylnaphthalene	11.977	142	195422	8.694	ng		98
38) 1-Methylnaphthalene	12.200	142	186338	8.306	ng		99
40) 1,2,4,5-Tetrachloroben...	12.335	216	98102	8.553	ng		100
41) Hexachlorocyclopentadiene	12.318	237	27891	7.363	ng		93
43) 2,4,6-Trichlorophenol	12.652	196	64678	8.179	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.752	196	70972	7.838	ng	99
46) 1,1'-Biphenyl	13.005	154	282133	9.013	ng	98
47) 2-Chloronaphthalene	13.052	162	209649	8.477	ng	99
48) 2-Nitroaniline	13.381	65	51364	7.717	ng	95
49) Acenaphthylene	13.910	152	347513	9.501	ng	99
50) Dimethylphthalate	13.681	163	288905	8.958	ng	99
51) 2,6-Dinitrotoluene	13.816	165	59701	8.018	ng	99
52) Acenaphthene	14.239	154	206491	8.646	ng	97
53) 3-Nitroaniline	14.227	138	62930	8.499	ng	98
54) 2,4-Dinitrophenol	14.362	184	22250	9.527	ng	92
55) Dibenzofuran	14.580	168	346056	9.091	ng	99
56) 4-Nitrophenol	14.644	139	47578	7.017	ng	98
57) 2,4-Dinitrotoluene	14.603	165	78768	7.683	ng	96
58) Fluorene	15.220	166	281372	8.836	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.850	232	72547	8.671	ng	99
60) Diethylphthalate	15.009	149	296367	8.785	ng	99
61) 4-Chlorophenyl-phenyle...	15.208	204	137587	8.707	ng	99
62) 4-Nitroaniline	15.408	138	64159	7.787	ng	98
63) Azobenzene	15.502	77	257254	8.871	ng	97
65) 4,6-Dinitro-2-methylph...	15.343	198	38805	6.176	ng	97
66) n-Nitrosodiphenylamine	15.455	169	251796	8.880	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	94040	8.361	ng	97
68) Hexachlorobenzene	16.201	284	121912	8.269	ng	96
69) Atrazine	16.389	200	89855	10.336	ng	98
70) Pentachlorophenol	16.607	266	60013m	7.072	ng	
71) Phenanthrene	16.953	178	476291	9.304	ng	97
72) Anthracene	17.041	178	455592	9.114	ng	98
73) Carbazole	17.370	167	446834	8.736	ng	98
74) Di-n-butylphthalate	17.823	149	501706	8.910	ng	97
75) Fluoranthene	18.957	202	562713	9.050	ng	97
77) Benzidine	19.215	184	192116	12.751	ng	100
78) Pyrene	19.327	202	612759	9.386	ng	95
80) Butylbenzylphthalate	20.179	149	251505	8.788	ng	98
81) Benzo(a)anthracene	21.054	228	661478	9.913	ng	95
82) 3,3'-Dichlorobenzidine	21.031	252	234164	8.959	ng	99
83) Chrysene	21.107	228	635316	9.848	ng	93
84) Bis(2-ethylhexyl)phtha...	20.884	149	330739	8.699	ng	96
85) Di-n-octyl phthalate	21.730	149	576384	9.237	ng	100
87) Indeno(1,2,3-cd)pyrene	25.667	276	911697	9.116	ng	99
88) Benzo(b)fluoranthene	22.647	252	710793	9.127	ng	98
89) Benzo(k)fluoranthene	22.688	252	691089	9.498	ng	97
90) Benzo(a)pyrene	23.246	252	641003	9.411	ng	98
91) Dibenzo(a,h)anthracene	25.661	278	754403	9.129	ng	98
92) Benzo(g,h,i)perylene	26.413	276	694814	8.160	ng	98

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

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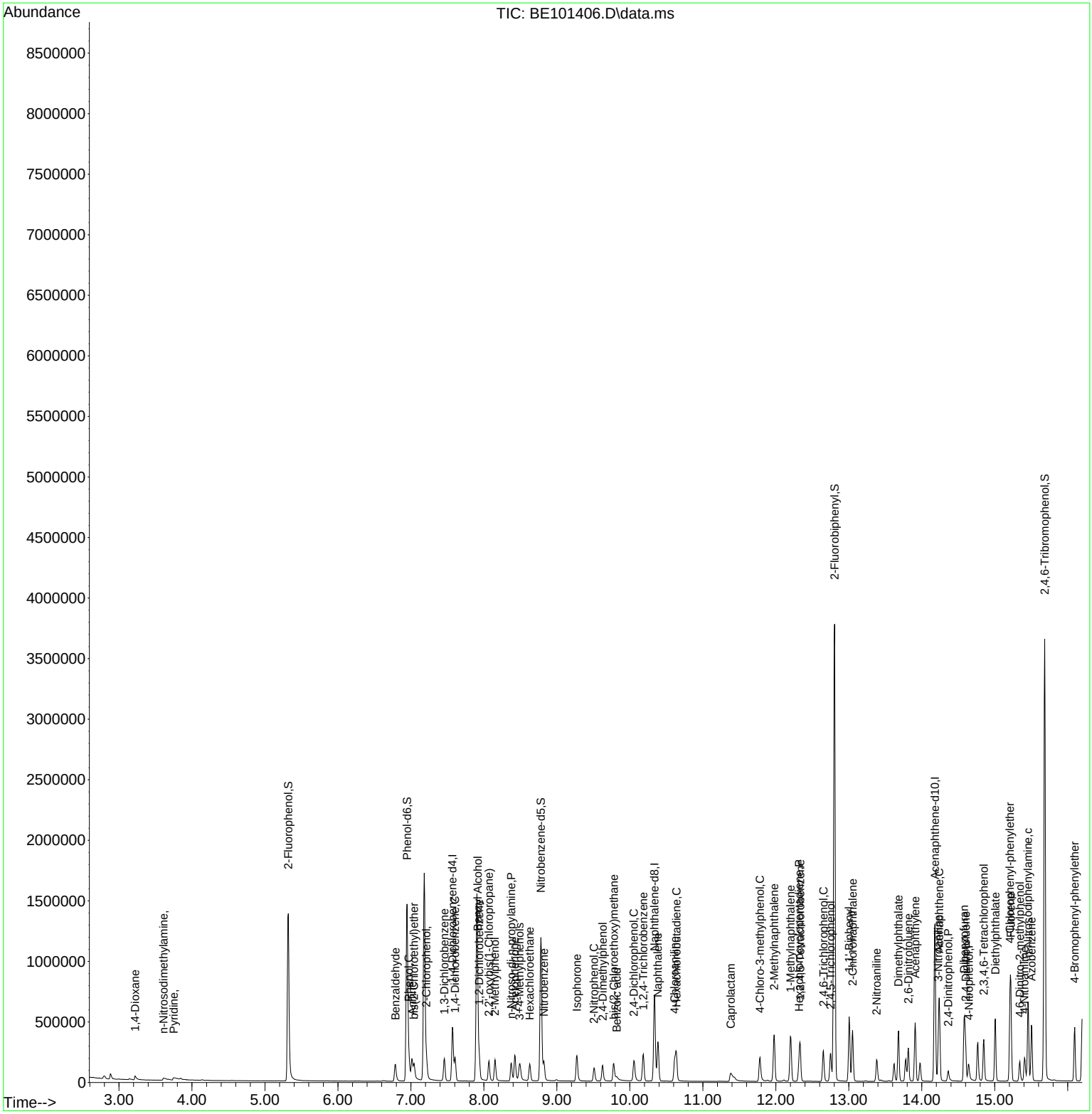

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