Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091724\
Data File : BM047544.D
Acq On : 17 Sep 2024 15:08
Operator : RC/JU
Sample : P2403-08
Misc : LOQ-WATER-10 ppm
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

Quant Time: Sep 18 02:12:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 02:12:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.846	152	398059	20.000	ng		0.00
21) Naphthalene-d8	10.645	136	1755772	20.000	ng		0.00
39) Acenaphthene-d10	14.480	164	1002924	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	1913701	20.000	ng		0.00
76) Chrysene-d12	21.439	240	1575110	20.000	ng		0.00
86) Perylene-d12	24.462	264	1514750	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	2313664	92.545	ng		0.00
7) Phenol-d6	7.004	99	3157434	89.681	ng		0.00
23) Nitrobenzene-d5	8.998	82	2260396	64.430	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	849676	87.648	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	4540346	62.362	ng		0.00
79) Terphenyl-d14	19.827	244	6138179	69.832	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	95983	8.964	ng		99
3) Pyridine	3.722	79	229645	7.205	ng		97
4) n-Nitrosodimethylamine	3.628	42	116507	8.056	ng	#	97
6) Aniline	7.169	93	272564	8.732	ng		99
8) 2-Chlorophenol	7.410	128	202746	7.357	ng		95
9) Benzaldehyde	6.981	77	211329	12.623	ng		97
10) Phenol	7.034	94	260647	7.394	ng		98
11) bis(2-Chloroethyl)ether	7.269	93	216786	7.660	ng		98
12) 1,3-Dichlorobenzene	7.740	146	216181	7.166	ng		98
13) 1,4-Dichlorobenzene	7.881	146	218882	7.124	ng		99
14) 1,2-Dichlorobenzene	8.198	146	213544	7.062	ng		99
15) Benzyl Alcohol	8.081	79	172313	7.225	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.369	45	324290	8.146	ng		98
17) 2-Methylphenol	8.281	107	154727	6.870	ng		97
18) Hexachloroethane	8.934	117	90621	7.383	ng		96
19) n-Nitroso-di-n-propyla...	8.651	70	171994	7.246	ng		97
20) 3+4-Methylphenols	8.604	107	203762	6.484	ng		98
22) Acetophenone	8.663	105	333846	7.232	ng	#	97
24) Nitrobenzene	9.040	77	262461	7.280	ng		96
25) Isophorone	9.569	82	446878	7.245	ng		98
26) 2-Nitrophenol	9.751	139	71648	5.832	ng		95
27) 2,4-Dimethylphenol	9.810	122	97887	5.256	ng		100
28) bis(2-Chloroethoxy)met...	10.051	93	275892	7.121	ng		99
29) 2,4-Dichlorophenol	10.287	162	152871	6.461	ng		97
30) 1,2,4-Trichlorobenzene	10.504	180	175003	6.457	ng		99
31) Naphthalene	10.692	128	644522	6.797	ng		99
32) Benzoic acid	9.892	122	130300	7.945	ng		98
33) 4-Chloroaniline	10.792	127	246093	7.178	ng		98
34) Hexachlorobutadiene	10.986	225	95664	6.373	ng		99
35) Caprolactam	11.545	113	50353m	6.462	ng		
36) 4-Chloro-3-methylphenol	11.916	107	172221	6.352	ng		99
37) 2-Methylnaphthalene	12.304	142	411112	6.514	ng		99
38) 1-Methylnaphthalene	12.522	142	384644	6.133	ng		99
40) 1,2,4,5-Tetrachloroben...	12.669	216	179262	6.605	ng		98
41) Hexachlorocyclopentadiene	12.657	237	98500	11.103	ng		97
43) 2,4,6-Trichlorophenol	12.910	196	102020	6.000	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	116670	6.075	ng		96
46) 1,1'-Biphenyl	13.316	154	542743	6.955	ng		100
47) 2-Chloronaphthalene	13.351	162	400311	6.607	ng		99
48) 2-Nitroaniline	13.545	65	112965	6.348	ng		91
49) Acenaphthylene	14.198	152	621288	7.106	ng		98
50) Dimethylphthalate	13.933	163	464874	6.801	ng		99
51) 2,6-Dinitrotoluene	14.039	165	87473	6.062	ng		86
52) Acenaphthene	14.539	154	389839	6.363	ng		98
53) 3-Nitroaniline	14.369	138	101279	6.314	ng		94
54) 2,4-Dinitrophenol	14.569	184	30296	8.153	ng		85
55) Dibenzofuran	14.874	168	577369	6.707	ng		97
56) 4-Nitrophenol	14.669	139	79457	6.020	ng		94
57) 2,4-Dinitrotoluene	14.827	165	111913	5.815	ng	#	94
58) Fluorene	15.521	166	471241	6.080	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	92014	6.145	ng		93
60) Diethylphthalate	15.298	149	481899	6.624	ng		99
61) 4-Chlorophenyl-phenyle...	15.516	204	207171	5.846	ng		93
62) 4-Nitroaniline	15.521	138	105241	5.582	ng		86
63) Azobenzene	15.810	77	588487	7.346	ng		97
65) 4,6-Dinitro-2-methylph...	15.586	198	54520	11.930	ng		93
66) n-Nitrosodiphenylamine	15.727	169	373493	6.380	ng		98
67) 4-Bromophenyl-phenylether	16.410	248	109670	5.898	ng		93
68) Hexachlorobenzene	16.521	284	126751	6.017	ng	#	88
69) Atrazine	16.674	200	105838	6.541	ng		98
70) Pentachlorophenol	16.863	266	124346	10.183	ng		98
71) Phenanthrene	17.257	178	681302	6.460	ng		99
72) Anthracene	17.345	178	630826	6.226	ng		99
73) Carbazole	17.610	167	626848	6.243	ng		100
74) Di-n-butylphthalate	18.180	149	747408	6.221	ng		99
75) Fluoranthene	19.262	202	671938	5.839	ng		97
77) Benzidine	19.445	184	195593	8.817	ng		99
78) Pyrene	19.621	202	714367	6.218	ng		99
80) Butylbenzylphthalate	20.521	149	259617	5.870	ng		92
81) Benzo(a)anthracene	21.421	228	707976	6.896	ng		98
82) 3,3'-Dichlorobenzidine	21.339	252	183333	6.713	ng	#	96
83) Chrysene	21.480	228	661060	6.807	ng		99
84) Bis(2-ethylhexyl)phtha...	21.351	149	436916	6.306	ng	#	97
85) Di-n-octyl phthalate	22.497	149	625378	6.381	ng		97
87) Indeno(1,2,3-cd)pyrene	27.874	276	662895	7.313	ng		97
88) Benzo(b)fluoranthene	23.503	252	613997m	6.265	ng		
89) Benzo(k)fluoranthene	23.568	252	637133	6.559	ng		98
90) Benzo(a)pyrene	24.321	252	541799	6.745	ng		97
91) Dibenzo(a,h)anthracene	27.938	278	538254	7.057	ng		98
92) Benzo(g,h,i)perylene	28.932	276	512853	6.884	ng		98

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

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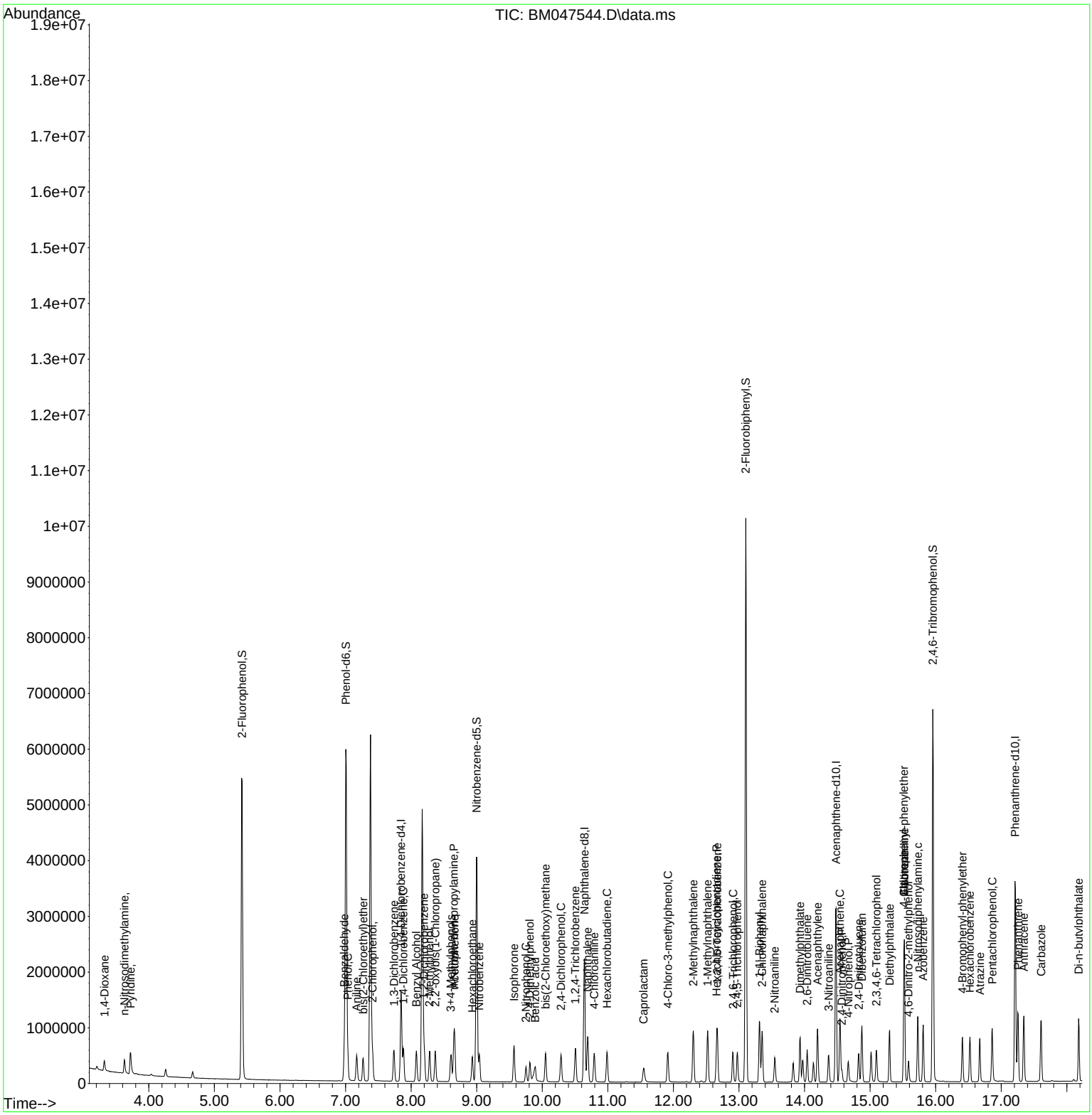

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