

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091724\
 Data File : BM047545.D
 Acq On : 17 Sep 2024 15:48
 Operator : RC/JU
 Sample : P2403-08
 Misc : LOQ-WATER-10 ppm
 ALS Vial : 9 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 17 16:26:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 08:56:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.845	152	700940	20.000	ng	0.00	
21) Naphthalene-d8	10.645	136	3214908	20.000	ng	0.00	
39) Acenaphthene-d10	14.474	164	1869328	20.000	ng	0.00	
64) Phenanthrene-d10	17.209	188	3551236	20.000	ng	0.00	
76) Chrysene-d12	21.439	240	2763097	20.000	ng	0.00	
86) Perylene-d12	24.462	264	2207975	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	4827452	109.658	ng	0.00	
7) Phenol-d6	7.010	99	6965993	112.361	ng	0.00	
23) Nitrobenzene-d5	9.004	82	4713045	73.367	ng	0.00	
42) 2,4,6-Tribromophenol	15.962	330	2206868	122.138	ng	0.00	
45) 2-Fluorobiphenyl	13.104	172	10152317	74.813	ng	0.00	
79) Terphenyl-d14	19.827	244	11483994	74.477	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	3.322	88	162983	8.644	ng		Qvalue 99
3) Pyridine	3.722	79	421907	7.517	ng		98
4) n-Nitrosodimethylamine	3.628	42	225044	8.837	ng	#	98
6) Aniline	7.175	93	523732	9.529	ng		97
8) 2-Chlorophenol	7.410	128	400607	8.255	ng		96
9) Benzaldehyde	6.987	77	402162m	13.642	ng		
10) Phenol	7.034	94	532244	8.574	ng		96
11) bis(2-Chloroethyl)ether	7.269	93	427620	8.580	ng		97
12) 1,3-Dichlorobenzene	7.739	146	415370	7.820	ng		97
13) 1,4-Dichlorobenzene	7.881	146	427596	7.903	ng		99
14) 1,2-Dichlorobenzene	8.198	146	415877	7.811	ng		99
15) Benzyl Alcohol	8.081	79	364241	8.674	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.369	45	640964	9.143	ng		99
17) 2-Methylphenol	8.281	107	298743	7.533	ng		97
18) Hexachloroethane	8.934	117	177352	8.206	ng		94
19) n-Nitroso-di-n-propyla...	8.651	70	360911	8.634	ng		98
20) 3+4-Methylphenols	8.610	107	407162	7.358	ng		96
22) Acetophenone	8.663	105	678112	8.023	ng		97
24) Nitrobenzene	9.039	77	540075	8.182	ng		98
25) Isophorone	9.569	82	943511	8.354	ng		100
26) 2-Nitrophenol	9.751	139	166332	7.395	ng		96
27) 2,4-Dimethylphenol	9.810	122	116485	3.416	ng		97
28) bis(2-Chloroethoxy)met...	10.051	93	578809	8.159	ng		100
29) 2,4-Dichlorophenol	10.286	162	323111	7.459	ng		98
30) 1,2,4-Trichlorobenzene	10.504	180	362314	7.301	ng		97
31) Naphthalene	10.692	128	1309313	7.541	ng		100
32) Benzoic acid	9.922	122	295611	14.266	ng		99
33) 4-Chloroaniline	10.792	127	499343	7.954	ng		98
34) Hexachlorobutadiene	10.986	225	189707	6.902	ng		98
35) Caprolactam	11.557	113	114875	8.051	ng		97
36) 4-Chloro-3-methylphenol	11.916	107	368227	7.417	ng		96
37) 2-Methylnaphthalene	12.304	142	853355	7.384	ng		99
38) 1-Methylnaphthalene	12.522	142	812433	7.074	ng		98
40) 1,2,4,5-Tetrachloroben...	12.669	216	374618	7.406	ng		98
41) Hexachlorocyclopentadiene	12.657	237	62834	3.800	ng		95
43) 2,4,6-Trichlorophenol	12.910	196	224514	7.085	ng		99

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44) 2,4,5-Trichlorophenol	12.974	196	252524	7.055	ng	97
46) 1,1'-Biphenyl	13.316	154	1084732	7.458	ng	99
47) 2-Chloronaphthalene	13.351	162	818938	7.251	ng	98
48) 2-Nitroaniline	13.545	65	254341	7.668	ng	94
49) Acenaphthylene	14.198	152	1294270	7.942	ng	100
50) Dimethylphthalate	13.933	163	956346	7.506	ng	100
51) 2,6-Dinitrotoluene	14.039	165	190860	7.096	ng	89
52) Acenaphthene	14.539	154	829783	7.267	ng	98
53) 3-Nitroaniline	14.368	138	222646	7.447	ng	95
54) 2,4-Dinitrophenol	14.568	184	83357	10.661	ng	91
55) Dibenzofuran	14.874	168	1186958	7.397	ng	97
56) 4-Nitrophenol	14.668	139	319494	12.987	ng	98
57) 2,4-Dinitrotoluene	14.827	165	250683	6.988	ng	92
58) Fluorene	15.521	166	1029514	7.126	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	202093	7.242	ng	94
60) Diethylphthalate	15.298	149	1024399	7.555	ng	98
61) 4-Chlorophenyl-phenyle...	15.515	204	451131	6.830	ng	94
62) 4-Nitroaniline	15.521	138	239064	6.803	ng	92
63) Azobenzene	15.810	77	1221063	8.178	ng	96
65) 4,6-Dinitro-2-methylph...	15.586	198	93677	11.577	ng	93
66) n-Nitrosodiphenylamine	15.727	169	775046	7.134	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	228523	6.623	ng	97
68) Hexachlorobenzene	16.521	284	260888	6.674	ng	94
69) Atrazine	16.674	200	227957	7.592	ng	98
70) Pentachlorophenol	16.862	266	252457	11.141	ng	99
71) Phenanthrene	17.251	178	1419192	7.252	ng	99
72) Anthracene	17.345	178	1246491	6.629	ng	100
73) Carbazole	17.604	167	1304205	6.999	ng	99
74) Di-n-butylphthalate	18.180	149	1664980	7.468	ng	99
75) Fluoranthene	19.262	202	1398752	6.551	ng	98
77) Benzidine	19.439	184	207441	5.331	ng	99
78) Pyrene	19.621	202	1470623	7.297	ng	99
80) Butylbenzylphthalate	20.521	149	574721	7.408	ng	97
81) Benzo(a)anthracene	21.421	228	1373675	7.627	ng	100
82) 3,3'-Dichlorobenzidine	21.339	252	363235	7.582	ng	99
83) Chrysene	21.480	228	1237743	7.266	ng	99
84) Bis(2-ethylhexyl)phtha...	21.350	149	922807	7.592	ng	# 97
85) Di-n-octyl phthalate	22.497	149	1254215	7.295	ng	98
87) Indeno(1,2,3-cd)pyrene	27.873	276	1072126	8.114	ng	# 90
88) Benzo(b)fluoranthene	23.503	252	1077241	7.541	ng	97
89) Benzo(k)fluoranthene	23.568	252	1102592	7.788	ng	98
90) Benzo(a)pyrene	24.315	252	915658	7.820	ng	# 97
91) Dibenzo(a,h)anthracene	27.938	278	883303	7.945	ng	96
92) Benzo(g,h,i)perylene	28.932	276	842675	7.760	ng	96

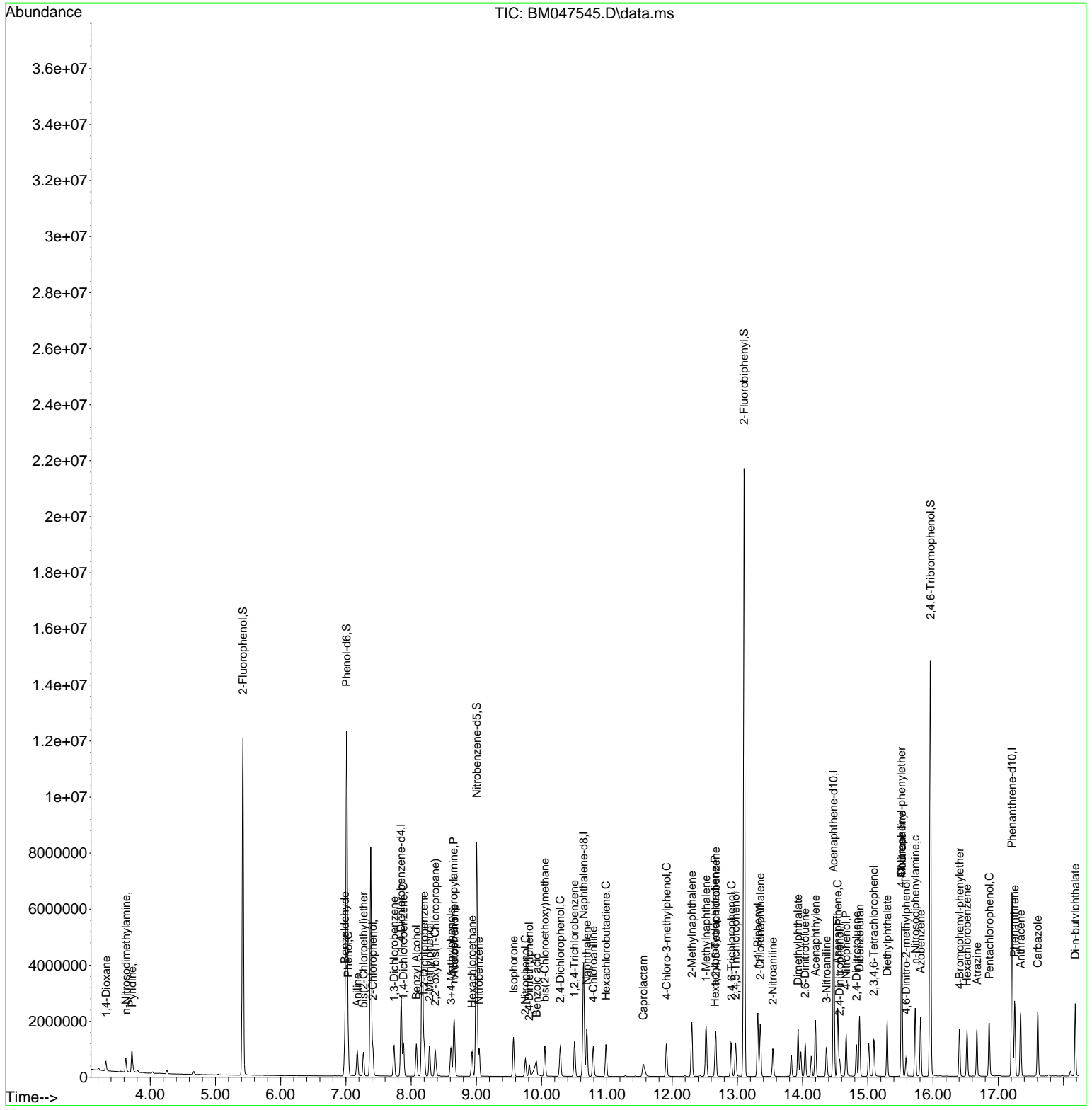
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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