Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031325\
Data File : BM049713.D
Acq On : 13 Mar 2025 13:37
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

Quant Time: Mar 13 14:44:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:27:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.810	152	320715	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	1044790	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	642425	20.000	ng		0.00
64) Phenanthrene-d10	17.186	188	1232487	20.000	ng		0.00
76) Chrysene-d12	21.427	240	1288590	20.000	ng		0.00
86) Perylene-d12	24.445	264	1147839	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	3303811	173.818	ng		0.00
7) Phenol-d6	6.987	99	4111683	172.375	ng		0.00
23) Nitrobenzene-d5	8.969	82	3528480	173.392	ng		0.00
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng		
45) 2-Fluorobiphenyl	13.075	172	9151795	178.410	ng		0.00
79) Terphenyl-d14	19.810	244	12066561	157.797	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	693723	84.311	ng		98
3) Pyridine	3.687	79	1736277m	82.522	ng		
4) n-Nitrosodimethylamine	3.593	42	760047	81.744	ng		98
6) Aniline	7.146	93	1551413	77.633	ng		100
8) 2-Chlorophenol	7.375	128	1587429	84.337	ng		99
10) Phenol	7.010	94	1947710	84.211	ng		99
11) bis(2-Chloroethyl)ether	7.234	93	1554529	82.999	ng		99
12) 1,3-Dichlorobenzene	7.699	146	1912608	83.613	ng		99
13) 1,4-Dichlorobenzene	7.846	146	1925476	83.439	ng		99
14) 1,2-Dichlorobenzene	8.163	146	1811374	82.593	ng		98
15) Benzyl Alcohol	8.052	79	1307396	87.341	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.346	45	1755494	79.747	ng		99
17) 2-Methylphenol	8.257	107	1165523	84.879	ng		99
18) Hexachloroethane	8.893	117	686259	84.211	ng		91
19) n-Nitroso-di-n-propyla...	8.622	70	1186843	85.807	ng		98
20) 3+4-Methylphenols	8.587	107	1582502	85.996	ng		99
22) Acetophenone	8.628	105	2292495	85.099	ng	#	99
24) Nitrobenzene	9.010	77	1636270	85.275	ng		98
25) Isophorone	9.540	82	2791486	89.344	ng		99
26) 2-Nitrophenol	9.716	139	784824	96.097	ng		99
27) 2,4-Dimethylphenol	9.787	122	932622	89.713	ng		98
28) bis(2-Chloroethoxy)met...	10.016	93	1893999	86.068	ng		99
29) 2,4-Dichlorophenol	10.257	162	1520440	89.758	ng		100
30) 1,2,4-Trichlorobenzene	10.469	180	1835587	86.611	ng		99
31) Naphthalene	10.657	128	4667851	86.886	ng		100
32) Benzoic acid	9.951	122	869055	98.267	ng		99
33) 4-Chloroaniline	10.763	127	1574032	85.850	ng		99
34) Hexachlorobutadiene	10.945	225	1152996	88.127	ng		99
35) Caprolactam	11.563	113	376485	95.730	ng		98
36) 4-Chloro-3-methylphenol	11.898	107	1350170	92.879	ng		99
37) 2-Methylnaphthalene	12.269	142	3320321	88.386	ng		100
38) 1-Methylnaphthalene	12.487	142	3199086	88.266	ng		99
40) 1,2,4,5-Tetrachloroben...	12.639	216	2141091	90.734	ng		98
41) Hexachlorocyclopentadiene	12.622	237	794094	90.835	ng		98
43) 2,4,6-Trichlorophenol	12.881	196	1245983	94.277	ng		99
44) 2,4,5-Trichlorophenol	12.951	196	1327706	92.060	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.281	154	4324552	87.343	ng		99
47) 2-Chloronaphthalene	13.322	162	3342606	86.734	ng		99
48) 2-Nitroaniline	13.522	65	823026	95.132	ng		98
49) Acenaphthylene	14.169	152	4822145	89.516	ng		99
50) Dimethylphthalate	13.910	163	3886504	87.869	ng		100
51) 2,6-Dinitrotoluene	14.022	165	806435	90.994	ng		96
52) Acenaphthene	14.516	154	3143606	89.077	ng		99
53) 3-Nitroaniline	14.351	138	796441	94.437	ng		99
54) 2,4-Dinitrophenol	14.551	184	448121	79.774	ng		99
55) Dibenzofuran	14.845	168	5185747	88.075	ng		99
56) 4-Nitrophenol	14.669	139	686661	93.537	ng		96
57) 2,4-Dinitrotoluene	14.810	165	1093074	95.850	ng		99
58) Fluorene	15.498	166	4450434	92.838	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.075	232	1157649	95.892	ng		98
60) Diethylphthalate	15.275	149	3759097	90.238	ng		98
61) 4-Chlorophenyl-phenyle...	15.492	204	2474798	94.541	ng		96
62) 4-Nitroaniline	15.516	138	844824	81.361	ng		98
63) Azobenzene	15.786	77	3572876	89.793	ng		97
65) 4,6-Dinitro-2-methylph...	15.575	198	629745	79.696	ng		98
66) n-Nitrosodiphenylamine	15.704	169	3345747	89.598	ng		99
67) 4-Bromophenyl-phenylether	16.386	248	1331345	93.560	ng		95
68) Hexachlorobenzene	16.498	284	1464777	91.538	ng		98
70) Pentachlorophenol	16.839	266	985815	98.033	ng		98
71) Phenanthrene	17.233	178	6176071	90.245	ng		100
72) Anthracene	17.322	178	6142455	92.677	ng		99
73) Carbazole	17.592	167	5563088	92.681	ng		99
74) Di-n-butylphthalate	18.163	149	6356664	96.623	ng		99
75) Fluoranthene	19.245	202	7783589	98.788	ng		99
77) Benzidine	19.427	184	1374821	88.806	ng		99
78) Pyrene	19.610	202	8049120	89.407	ng		99
80) Butylbenzylphthalate	20.510	149	2716011	97.212	ng		98
81) Benzo(a)anthracene	21.409	228	7806292	90.698	ng		99
82) 3,3'-Dichlorobenzidine	21.333	252	2739621	97.766	ng		99
83) Chrysene	21.474	228	7399577	90.694	ng		99
84) Bis(2-ethylhexyl)phtha...	21.339	149	4246419	97.524	ng	#	96
85) Di-n-octyl phthalate	22.486	149	6646660	98.213	ng		98
87) Indeno(1,2,3-cd)pyrene	27.856	276	7894972	95.562	ng		99
88) Benzo(b)fluoranthene	23.498	252	7512407	97.171	ng		99
89) Benzo(k)fluoranthene	23.562	252	7220461	94.915	ng		98
90) Benzo(a)pyrene	24.309	252	6327756	97.443	ng		99
91) Dibenzo(a,h)anthracene	27.921	278	6611470	96.052	ng		100
92) Benzo(g,h,i)perylene	28.927	276	6460933	93.187	ng		99

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

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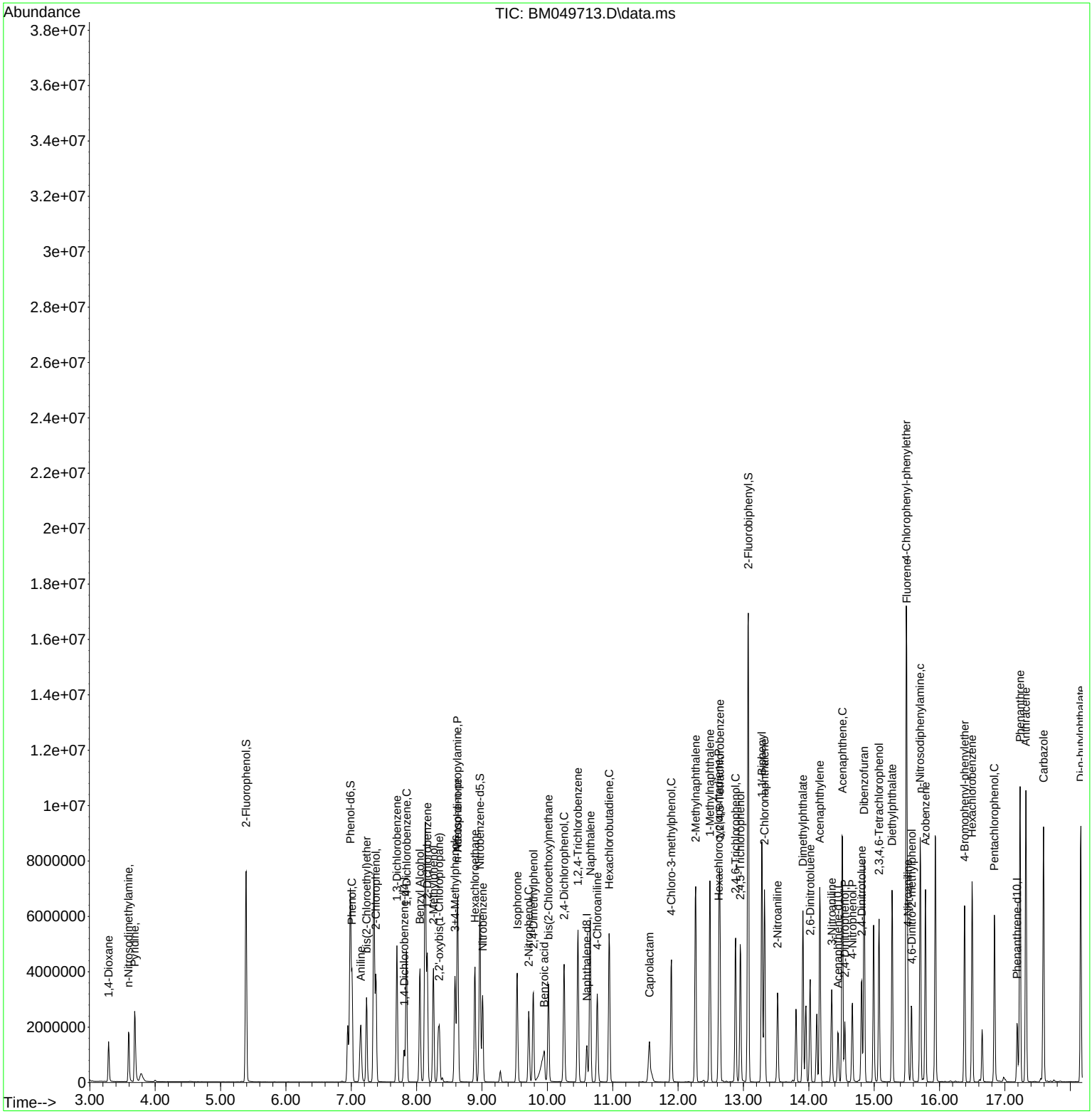

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