Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082224\
Data File : BM047319.D
Acq On : 22 Aug 2024 16:30
Operator : RC/JU
Sample : P3671-10MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-928-KI-SO-0.5-1-081924MSD

Quant Time: Aug 22 17:11:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	265079	20.000	ng	-0.02
21) Naphthalene-d8	10.104	136	1032290	20.000	ng	-0.03
39) Acenaphthene-d10	14.016	164	681146	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1434686	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	1216241	20.000	ng	-0.01
86) Perylene-d12	23.709	264	1268089	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1421525	95.822	ng	-0.01
7) Phenol-d6	6.575	99	1888082	92.365	ng	-0.01
23) Nitrobenzene-d5	8.504	82	1222455	59.629	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	781922	99.003	ng	-0.01
45) 2-Fluorobiphenyl	12.621	172	2387226	54.061	ng	-0.02
79) Terphenyl-d14	19.445	244	3439615	60.599	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.022	88	245607	39.957	ng	96
3) Pyridine	3.393	79	648228	35.964	ng	97
4) n-Nitrosodimethylamine	3.316	42	323436	41.072	ng	97
6) Aniline	6.704	93	734986	38.041	ng	98
8) 2-Chlorophenol	6.928	128	836899	51.723	ng	99
9) Benzaldehyde	6.516	77	364315	31.114	ng	99
10) Phenol	6.598	94	981908	48.140	ng	97
11) bis(2-Chloroethyl)ether	6.804	93	783154	44.835	ng	98
12) 1,3-Dichlorobenzene	7.239	146	893487	46.470	ng	98
13) 1,4-Dichlorobenzene	7.387	146	906338	46.557	ng	99
14) 1,2-Dichlorobenzene	7.692	146	882217	48.030	ng	99
15) Benzyl Alcohol	7.610	79	747074	51.352	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.875	45	983506	43.879	ng	98
17) 2-Methylphenol	7.816	107	681096	50.052	ng	98
18) Hexachloroethane	8.404	117	343812	45.594	ng	93
19) n-Nitroso-di-n-propyla...	8.163	70	595604	43.257	ng	98
20) 3+4-Methylphenols	8.145	107	922291	48.481	ng	99
22) Acetophenone	8.175	105	1137192	45.638	ng	99
24) Nitrobenzene	8.545	77	915179	44.333	ng	96
25) Isophorone	9.069	82	1687583	47.277	ng	98
26) 2-Nitrophenol	9.239	139	483432	52.879	ng	96
27) 2,4-Dimethylphenol	9.328	122	675765	63.102	ng	99
28) bis(2-Chloroethoxy)met...	9.551	93	1064554	47.397	ng	99
29) 2,4-Dichlorophenol	9.781	162	882288	55.526	ng	98
30) 1,2,4-Trichlorobenzene	9.975	180	882796	49.093	ng	100
31) Naphthalene	10.157	128	2414511	46.952	ng	100
32) Benzoic acid	9.528	122	623426	50.107	ng	98
33) 4-Chloroaniline	10.286	127	448160	22.662	ng	98
34) Hexachlorobutadiene	10.439	225	559176	53.128	ng	100
35) Caprolactam	11.104	113	273274	49.522	ng	92
36) 4-Chloro-3-methylphenol	11.445	107	853863	50.457	ng	99
37) 2-Methylnaphthalene	11.786	142	1766683	48.251	ng	99
38) 1-Methylnaphthalene	12.010	142	1667187	46.072	ng	97
40) 1,2,4,5-Tetrachloroben...	12.169	216	989566	53.264	ng	99
41) Hexachlorocyclopentadiene	12.139	237	1125632	173.510	ng	98
43) 2,4,6-Trichlorophenol	12.427	196	729631	55.254	ng	99

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44) 2,4,5-Trichlorophenol	12.510	196	780589	53.240	ng		97
46) 1,1'-Biphenyl	12.833	154	2324580	47.938	ng		98
47) 2-Chloronaphthalene	12.869	162	1799865	47.488	ng		99
48) 2-Nitroaniline	13.098	65	563130	47.426	ng		98
49) Acenaphthylene	13.727	152	2881005	51.568	ng		99
50) Dimethylphthalate	13.498	163	2379344	50.016	ng		99
51) 2,6-Dinitrotoluene	13.616	165	540482	48.602	ng		88
52) Acenaphthene	14.080	154	1751103	49.412	ng		99
53) 3-Nitroaniline	13.945	138	390033	35.002	ng		98
54) 2,4-Dinitrophenol	14.168	184	750464	112.597	ng		90
55) Dibenzofuran	14.421	168	2783013	49.717	ng		98
56) 4-Nitrophenol	14.298	139	902428	93.916	ng		98
57) 2,4-Dinitrotoluene	14.415	165	718414	48.400	ng		97
58) Fluorene	15.074	166	2233074	48.348	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.663	232	679116	56.359	ng		93
60) Diethylphthalate	14.880	149	2336527	48.097	ng		98
61) 4-Chlorophenyl-phenyle...	15.080	204	1111002	50.526	ng		96
62) 4-Nitroaniline	15.127	138	504709	45.975	ng		94
63) Azobenzene	15.374	77	2091378	45.404	ng		96
65) 4,6-Dinitro-2-methylph...	15.192	198	468157	55.734	ng		87
66) n-Nitrosodiphenylamine	15.304	169	1976912	50.590	ng		99
67) 4-Bromophenyl-phenylether	15.980	248	735182	53.178	ng		96
68) Hexachlorobenzene	16.086	284	846570	51.129	ng		93
69) Atrazine	16.280	200	767123	65.237	ng		99
70) Pentachlorophenol	16.439	266	1167237	100.568	ng		99
71) Phenanthrene	16.821	178	3584059	49.778	ng		100
72) Anthracene	16.915	178	3674292	52.446	ng		100
73) Carbazole	17.198	167	3428450	47.929	ng		99
74) Di-n-butylphthalate	17.774	149	4152848	49.895	ng		100
75) Fluoranthene	18.856	202	4368791	49.885	ng		99
77) Benzidine	19.062	184	2268236	109.972	ng		99
78) Pyrene	19.221	202	4576440	52.698	ng		99
80) Butylbenzylphthalate	20.162	149	1972160	55.647	ng		94
81) Benzo(a)anthracene	21.003	228	4149843	51.397	ng		99
82) 3,3'-Dichlorobenzidine	20.944	252	1069129	42.321	ng		99
83) Chrysene	21.062	228	3858865	50.374	ng		99
84) Bis(2-ethylhexyl)phtha...	20.962	149	2757138	54.857	ng	#	98
85) Di-n-octyl phthalate	21.986	149	4848697	56.757	ng		98
87) Indeno(1,2,3-cd)pyrene	26.709	276	3884310	47.389	ng		98
88) Benzo(b)fluoranthene	22.874	252	3834235	50.915	ng		99
89) Benzo(k)fluoranthene	22.927	252	3779869	53.140	ng		99
90) Benzo(a)pyrene	23.585	252	3511970	53.835	ng		99
91) Dibenzo(a,h)anthracene	26.750	278	3107788	46.851	ng		99
92) Benzo(g,h,i)perylene	27.632	276	2936041	42.631	ng		98

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

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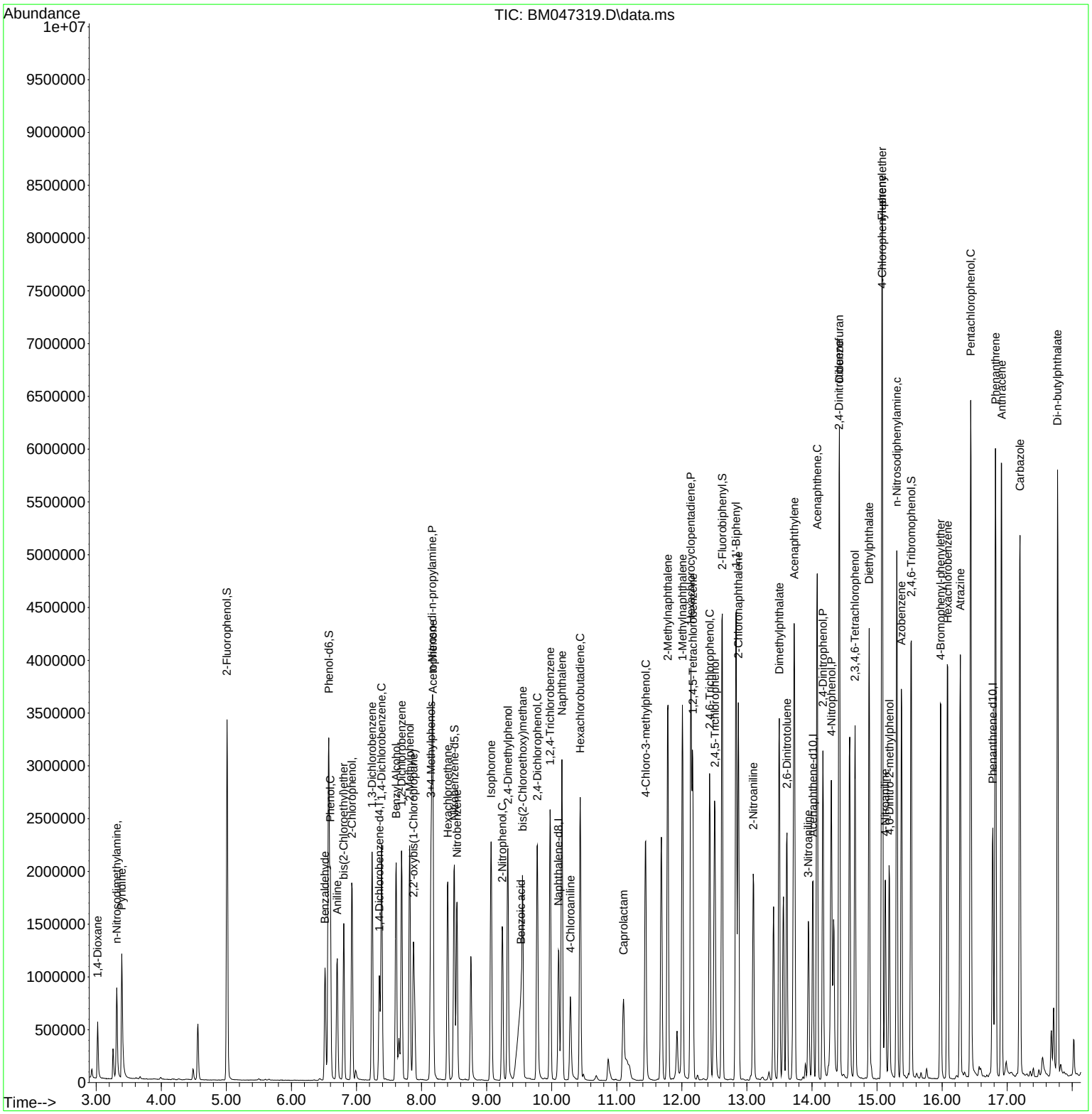

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