Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
Data File : BM024113.D
Acq On : 16 Dec 2019 17:57
Operator : JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
mohammad
12/17/2019 3:20:20 PM

Quant Time: Dec 16 18:31:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 17:25:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	386359	20.00	ng		0.00
21) Naphthalene-d8	10.23	136	1660923	20.00	ng		0.00
39) Acenaphthene-d10	14.12	164	1100016	20.00	ng		0.00
64) Phenanthrene-d10	16.87	188	2385442	20.00	ng		0.00
76) Chrysene-d12	21.09	240	2386947	20.00	ng		0.00
87) Perylene-d12	23.22	264	2729775	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	2624302	107.72	ng		0.00
7) Phenol-d6	6.66	99	4021737	128.53	ng		0.00
23) Nitrobenzene-d5	8.62	82	4258553	142.33	ng		0.00
42) 2,4,6-Tribromophenol	15.62	330	1958624	142.63	ng		0.00
45) 2-Fluorobiphenyl	12.73	172	9514666	119.11	ng		0.00
79) Terphenyl-d14	19.53	244	13235200	107.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	546879	55.790	ng	#	100
3) Pyridine	3.43	79	1499029	58.017	ng		98
4) n-Nitrosodimethylamine	3.35	42	520834	55.372	ng		94
6) Aniline	6.80	93	2553337	68.057	ng		99
8) 2-Chlorophenol	7.03	128	1537850	61.958	ng		99
9) Benzaldehyde	6.61	77	855142	47.998	ng		97
10) Phenol	6.68	94	2078068	70.545	ng		98
11) bis(2-Chloroethyl)ether	6.90	93	1602846	69.257	ng		99
12) 1,3-Dichlorobenzene	7.35	146	1727974	58.249	ng		100
13) 1,4-Dichlorobenzene	7.49	146	1752116	58.341	ng		99
14) 1,2-Dichlorobenzene	7.80	146	1723159	60.183	ng		99
15) Benzyl Alcohol	7.71	79	1587605	81.089	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.00	45	1936279	57.594	ng		99
17) 2-Methylphenol	7.92	107	1403433	71.979	ng		98
18) Hexachloroethane	8.52	117	662313	60.128	ng		98
19) n-Nitroso-di-n-propylamine	8.27	70	1484076	84.938	ng		98
20) 3+4-Methylphenols	8.25	107	1954717	75.268	ng		97
22) Acetophenone	8.28	105	2699731	65.850	ng	#	99
24) Nitrobenzene	8.66	77	2067661	72.225	ng		98
25) Isophorone	9.18	82	3842303	78.099	ng		100
26) 2-Nitrophenol	9.36	139	944518	76.425	ng		98
27) 2,4-Dimethylphenol	9.43	122	1328907	64.230	ng		98
28) bis(2-Chloroethoxy)methane	9.66	93	2425307	71.240	ng		99
29) 2,4-Dichlorophenol	9.89	162	1597904	68.310	ng		99
30) 1,2,4-Trichlorobenzene	10.09	180	1775285	61.685	ng		99
31) Naphthalene	10.27	128	5287620	64.431	ng		99
32) Benzoic acid	9.65	122	1260723m	94.675	ng		
33) 4-Chloroaniline	10.40	127	2393231	67.165	ng		98
34) Hexachlorobutadiene	10.56	225	1024945	59.743	ng		99
35) Caprolactam	11.23	113	606887m	87.513	ng		
36) 4-Chloro-3-methylphenol	11.55	107	1881214	82.429	ng		100
37) 2-Methylnaphthalene	11.90	142	3949253	69.134	ng		99
38) 1-Methylnaphthalene	12.13	142	3757978	69.304	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.28	216	1979420	53.106	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	782836	38.494	ng		100
43) 2,4,6-Trichlorophenol	12.54	196	1350460	62.775	ng		100
44) 2,4,5-Trichlorophenol	12.62	196	1384872	61.775	ng		97
46) 1,1'-Biphenyl	12.95	154	5256684	57.740	ng		99
47) 2-Chloronaphthalene	12.98	162	4163263	61.354	ng		99
48) 2-Nitroaniline	13.20	65	1432141	81.051	ng		97
49) Acenaphthylene	13.84	152	6487761	64.564	ng		100
50) Dimethylphthalate	13.60	163	5393437	67.846	ng		100
51) 2,6-Dinitrotoluene	13.72	165	1181500	71.053	ng		97
52) Acenaphthene	14.19	154	3971235	60.408	ng		100
53) 3-Nitroaniline	14.05	138	1341538	70.080	ng		97
54) 2,4-Dinitrophenol	14.26	184	699756	89.127	ng		99
55) Dibenzofuran	14.52	168	6224708	64.858	ng		100
56) 4-Nitrophenol	14.38	139	1002509	68.134	ng		97
57) 2,4-Dinitrotoluene	14.52	165	1686896	77.437	ng		99
58) Fluorene	15.18	166	5234388	67.116	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.76	232	1263874	64.645	ng		100
60) Diethylphthalate	14.97	149	5448627	70.489	ng		99
61) 4-Chlorophenyl-phenylether	15.18	204	2594157	64.736	ng		99
62) 4-Nitroaniline	15.22	138	1328429	66.191	ng		99
63) Azobenzene	15.47	77	5267602	75.463	ng		99
65) 4,6-Dinitro-2-methylphenol	15.29	198	897461	80.334	ng		98
66) n-Nitrosodiphenylamine	15.40	169	4482721	61.513	ng		100
67) 4-Bromophenyl-phenylether	16.07	248	1706244	64.309	ng		98
68) Hexachlorobenzene	16.19	284	2057817	66.508	ng		99
69) Atrazine	16.36	200	883253	37.283	ng		99
70) Pentachlorophenol	16.53	266	1004782	60.892	ng		99
71) Phenanthrene	16.92	178	8247517	61.274	ng		99
72) Anthracene	17.01	178	8072969	61.886	ng		100
73) Carbazole	17.29	167	7639126	62.930	ng		100
74) Di-n-butylphthalate	17.86	149	9410702	68.370	ng		99
75) Fluoranthene	18.94	202	9483074	62.435	ng		98
77) Benzidine	19.14	184	2450163	37.417	ng		100
78) Pyrene	19.31	202	9715420	62.108	ng		99
80) Butylbenzylphthalate	20.24	149	4574232	76.942	ng		96
81) Benzo(a)anthracene	21.07	228	9554123	61.758	ng		99
82) 3,3'-Dichlorobenzidine	21.01	252	3462597	63.115	ng		99
83) Chrysene	21.13	228	9178350	61.197	ng		99
84) Bis(2-ethylhexyl)phthalate	21.02	149	6395903	72.609	ng		98
85) Di-n-octyl phthalate	21.88	149	10629002	75.710	ng		100
86) Indeno(1,2,3-cd)pyrene	25.34	276	10982325	61.351	ng	#	100
88) Benzo(b)fluoranthene	22.59	252	10323877	62.463	ng		100
89) Benzo(k)fluoranthene	22.63	252	10263778	62.586	ng		98
90) Benzo(a)pyrene	23.13	252	9614467	63.129	ng		100
91) Dibenzo(a,h)anthracene	25.34	278	9159848	57.499	ng		99
92) Benzo(g,h,i)perylene	25.98	276	8395730	55.487	ng		100

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

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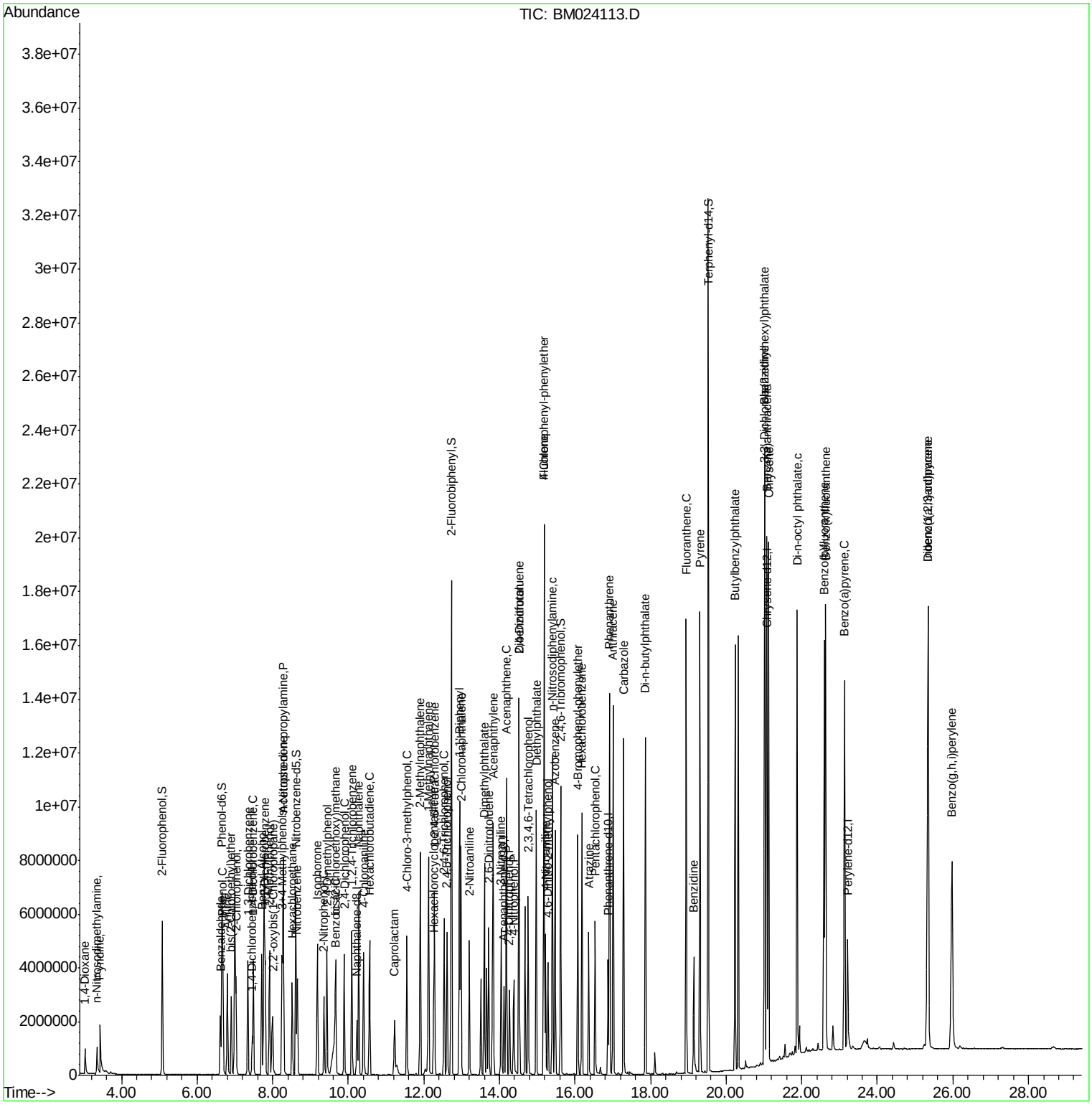
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