Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041921\
Data File : BP005335.D
Acq On : 19 Apr 2021 17:52
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
4/21/2021 8:36:54 AM

Quant Time: Apr 19 18:37:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 19 18:33:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.652	152	26421	20.00	ng		0.00
21) Naphthalene-d8	10.440	136	49047	20.00	ng		0.00
39) Acenaphthene-d10	14.310	164	35864	20.00	ng		0.00
64) Phenanthrene-d10	17.075	188	94859	20.00	ng		# 0.00
76) Chrysene-d12	21.174	240	138236	20.00	ng		# 0.00
86) Perylene-d12	23.433	264	131441	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.252	112	143920	66.42	ng		0.00
7) Phenol-d6	6.840	99	182273	72.73	ng		0.00
23) Nitrobenzene-d5	8.810	82	149302	94.01	ng		0.00
42) 2,4,6-Tribromophenol	15.816	330	55744	116.93	ng		0.00
45) 2-Fluorobiphenyl	12.922	172	233744	86.57	ng		0.00
79) Terphenyl-d14	19.651	244	592527	84.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	42091	38.20	ng		98
3) Pyridine	3.587	79	99639m	37.98	ng		
4) n-Nitrosodimethylamine	3.499	42	31535	41.72	ng		89
6) Aniline	6.987	93	80879	34.01	ng		97
8) 2-Chlorophenol	7.216	128	71223	41.64	ng		93
9) Benzaldehyde	6.805	77	38038	28.80	ng		88
10) Phenol	6.863	94	90555	35.95	ng		97
11) bis(2-Chloroethyl)ether	7.087	93	65893	35.97	ng		98
12) 1,3-Dichlorobenzene	7.534	146	86212	41.94	ng		95
13) 1,4-Dichlorobenzene	7.687	146	83485	41.39	ng		93
14) 1,2-Dichlorobenzene	7.999	146	79491	41.07	ng		96
15) Benzyl Alcohol	7.899	79	37965	29.81	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.175	45	38834	34.84	ng		96
17) 2-Methylphenol	8.104	107	42748	34.27	ng		96
18) Hexachloroethane	8.716	117	30774	36.41	ng		89
19) n-Nitroso-di-n-propyla...	8.457	70	40803	31.28	ng	#	90
20) 3+4-Methylphenols	8.434	107	52741	33.07	ng		95
22) Acetophenone	8.475	105	101047	52.61	ng	#	99
24) Nitrobenzene	8.851	77	73320	45.32	ng		97
25) Isophorone	9.381	82	78111	40.32	ng	#	94
26) 2-Nitrophenol	9.557	139	18882	47.44	ng		91
27) 2,4-Dimethylphenol	9.628	122	28174	42.15	ng		97
28) bis(2-Chloroethoxy)met...	9.857	93	40817	39.17	ng		99
29) 2,4-Dichlorophenol	10.098	162	33403	44.10	ng		93
30) 1,2,4-Trichlorobenzene	10.304	180	46447	46.81	ng		95
31) Naphthalene	10.487	128	122432	43.04	ng		99
32) Benzoic acid	9.799	122	19408	49.02	ng	#	77
33) 4-Chloroaniline	10.610	127	39101	41.75	ng		98
34) Hexachlorobutadiene	10.763	225	39473	49.56	ng		97
35) Caprolactam	11.410	113	8366m	38.67	ng		
36) 4-Chloro-3-methylphenol	11.751	107	34136	38.89	ng		90
37) 2-Methylnaphthalene	12.110	142	74280	42.51	ng		94
38) 1-Methylnaphthalene	12.334	142	73901	43.74	ng		99
40) 1,2,4,5-Tetrachloroben...	12.481	216	55004	43.52	ng		99
41) Hexachlorocyclopentadiene	12.457	237	18454	51.79	ng		92
43) 2,4,6-Trichlorophenol	12.734	196	29042	42.28	ng		97

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Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041921.M
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.816	196	33068	42.83	ng		98
46) 1,1'-Biphenyl	13.134	154	109094	41.83	ng		99
47) 2-Chloronaphthalene	13.175	162	88287	41.25	ng		98
48) 2-Nitroaniline	13.398	65	23703	40.75	ng		88
49) Acenaphthylene	14.028	152	138982	43.88	ng		99
50) Dimethylphthalate	13.775	163	99480	42.27	ng	#	96
51) 2,6-Dinitrotoluene	13.898	165	24748	41.80	ng	#	86
52) Acenaphthene	14.375	154	90299	43.97	ng		96
53) 3-Nitroaniline	14.234	138	21486	45.90	ng		90
54) 2,4-Dinitrophenol	14.451	184	14455	50.78	ng		94
55) Dibenzofuran	14.716	168	167206	46.20	ng		98
56) 4-Nitrophenol	14.563	139	16128	41.05	ng		92
57) 2,4-Dinitrotoluene	14.698	165	39312	47.70	ng		97
58) Fluorene	15.369	166	139517	48.48	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.945	232	37814	53.24	ng	#	95
60) Diethylphthalate	15.145	149	105851	45.64	ng		97
61) 4-Chlorophenyl-phenyle...	15.363	204	78003	51.65	ng		98
62) 4-Nitroaniline	15.404	138	22276	46.28	ng		86
63) Azobenzene	15.657	77	165178	46.68	ng		95
65) 4,6-Dinitro-2-methylph...	15.469	198	25353	45.37	ng		94
66) n-Nitrosodiphenylamine	15.586	169	111464	39.80	ng		96
67) 4-Bromophenyl-phenylether	16.263	248	50522	48.58	ng		96
68) Hexachlorobenzene	16.375	284	61392	46.74	ng		98
69) Atrazine	16.545	200	40274	46.77	ng		95
70) Pentachlorophenol	16.728	266	29858	48.02	ng		98
71) Phenanthrene	17.116	178	240953	42.48	ng		99
72) Anthracene	17.210	178	233382	44.40	ng		99
73) Carbazole	17.486	167	212237	43.44	ng		99
74) Di-n-butylphthalate	18.045	149	181742	42.57	ng		99
75) Fluoranthene	19.098	202	302037	45.31	ng		97
77) Benzidine	19.286	184	78473	45.90	ng		99
78) Pyrene	19.451	202	320771	40.66	ng		99
80) Butylbenzylphthalate	20.327	149	69841	37.18	ng		92
81) Benzo(a)anthracene	21.157	228	355870	40.34	ng		99
82) 3,3'-Dichlorobenzidine	21.098	252	86646	39.74	ng		98
83) Chrysene	21.210	228	354668	40.64	ng		98
84) Bis(2-ethylhexyl)phtha...	21.086	149	110035	34.87	ng		98
85) Di-n-octyl phthalate	21.963	149	204700	35.00	ng		97
87) Indeno(1,2,3-cd)pyrene	25.751	276	414180	42.16	ng		97
88) Benzo(b)fluoranthene	22.751	252	379503	43.08	ng		98
89) Benzo(k)fluoranthene	22.798	252	351887m	40.73	ng		
90) Benzo(a)pyrene	23.333	252	332202	41.13	ng	#	98
91) Dibenzo(a,h)anthracene	25.756	278	360978	42.25	ng		98
92) Benzo(g,h,i)perylene	26.456	276	334635	41.27	ng		97

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

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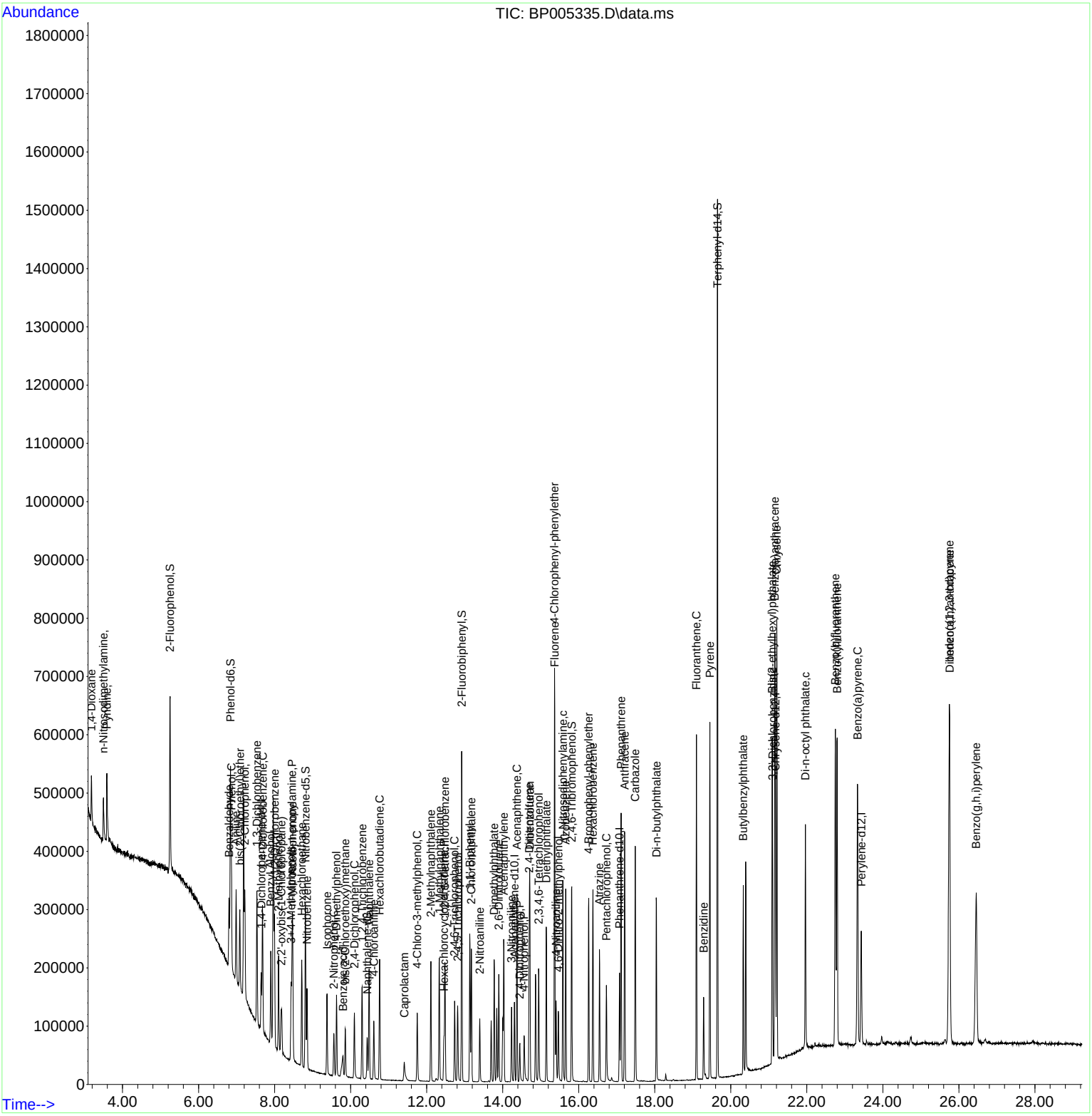
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