Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
Data File : BF119035.D
Acq On : 24 Feb 2020 22:00
Operator : CG/JU
Sample : L1635-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUNR-TS001-01MS

Manual Integrations APPROVED
mohammad
2/25/2020 4:19:21 PM

Quant Time: Feb 25 01:18:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	169097	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	637724	20.00	ng		0.00
39) Acenaphthene-d10	9.79	164	341471	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	598692	20.00	ng		0.00
76) Chrysene-d12	13.91	240	357928	20.00	ng		0.00
87) Perylene-d12	15.33	264	379291	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1077217	106.46	ng		0.01
7) Phenol-d6	6.40	99	1290139	104.84	ng		0.00
23) Nitrobenzene-d5	7.32	82	855299	70.81	ng		0.00
42) 2,4,6-Tribromophenol	10.58	330	443878	99.37	ng		0.00
45) 2-Fluorobiphenyl	9.12	172	1640538	70.78	ng		0.00
79) Terphenyl-d14	12.85	244	1662258	79.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	168491	37.400	ng		99
3) Pyridine	3.27	79	424154	34.474	ng		98
4) n-Nitrosodimethylamine	3.20	42	165780	44.480	ng		93
6) Aniline	6.42	93	165102	10.873	ng	#	1
8) 2-Chlorophenol	6.55	128	509606	46.668	ng		98
9) Benzaldehyde	6.30	77	212875	25.892	ng		99
10) Phenol	6.42	94	574088	43.149	ng		89
11) bis(2-Chloroethyl)ether	6.49	93	456211	44.814	ng		99
12) 1,3-Dichlorobenzene	6.70	146	551816	42.162	ng		100
13) 1,4-Dichlorobenzene	6.77	146	560693	42.811	ng		99
14) 1,2-Dichlorobenzene	6.93	146	517656	43.339	ng		99
15) Benzyl Alcohol	6.90	79	411732	46.294	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	375488	42.579	ng		85
17) 2-Methylphenol	7.02	107	395205	44.640	ng		94
18) Hexachloroethane	7.27	117	200353	42.759	ng		98
19) n-Nitroso-di-n-propylamine	7.17	70	325416	45.382	ng		98
20) 3+4-Methylphenols	7.17	107	490381	45.211	ng	#	79
22) Acetophenone	7.17	105	655707	44.439	ng		97
24) Nitrobenzene	7.34	77	503695	42.171	ng		98
25) Isophorone	7.58	82	910743	43.418	ng		100
26) 2-Nitrophenol	7.66	139	280933	44.392	ng		97
27) 2,4-Dimethylphenol	7.70	122	420835	48.997	ng		96
28) bis(2-Chloroethoxy)methane	7.79	93	560970	41.087	ng		98
29) 2,4-Dichlorophenol	7.90	162	429822	42.509	ng		98
30) 1,2,4-Trichlorobenzene	7.98	180	490383	40.905	ng		100
31) Naphthalene	8.06	128	1407515	42.557	ng		99
32) Benzoic acid	7.85	122	286015	45.967	ng		95
33) 4-Chloroaniline	8.11	127	67425	4.740	ng		98
34) Hexachlorobutadiene	8.18	225	298856	40.021	ng		98
35) Caprolactam	8.49	113	116538m	37.431	ng		
36) 4-Chloro-3-methylphenol	8.61	107	434645	42.475	ng		95
37) 2-Methylnaphthalene	8.75	142	966151	43.408	ng		99
38) 1-Methylnaphthalene	8.85	142	897441	42.874	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	482850	41.940	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	316534	76.057	ng		95
43) 2,4,6-Trichlorophenol	9.03	196	315879	43.447	ng		99
44) 2,4,5-Trichlorophenol	9.08	196	329221	43.153	ng		95
46) 1,1'-Biphenyl	9.22	154	1147976	41.597	ng		99
47) 2-Chloronaphthalene	9.24	162	904173	40.656	ng		98
48) 2-Nitroaniline	9.33	65	239538	38.616	ng		98
49) Acenaphthylene	9.65	152	1397042	43.493	ng		99
50) Dimethylphthalate	9.52	163	1223671	46.863	ng		99
51) 2,6-Dinitrotoluene	9.58	165	246374	42.469	ng		96
52) Acenaphthene	9.82	154	813169	41.985	ng		99
53) 3-Nitroaniline	9.75	138	70411	10.948	ng		99
54) 2,4-Dinitrophenol	9.86	184	221873	78.814	ng	#	90
55) Dibenzofuran	10.00	168	1227641	42.466	ng		99
56) 4-Nitrophenol	9.93	139	319898	82.787	ng		94
57) 2,4-Dinitrotoluene	9.99	165	313761	41.726	ng		93
58) Fluorene	10.34	166	952169	42.387	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	274773	42.683	ng		99
60) Diethylphthalate	10.22	149	1042720	42.375	ng		100
61) 4-Chlorophenyl-phenylether	10.33	204	502777	42.284	ng		98
62) 4-Nitroaniline	10.36	138	210064	31.925	ng		99
63) Azobenzene	10.49	77	918415	42.939	ng		96
65) 4,6-Dinitro-2-methylphenol	10.40	198	175029	48.314	ng		91
66) n-Nitrosodiphenylamine	10.45	169	863635	44.055	ng		100
67) 4-Bromophenyl-phenylether	10.82	248	333978	42.677	ng		97
68) Hexachlorobenzene	10.89	284	375469	41.614	ng		99
69) Atrazine	10.98	200	296788	43.332	ng		99
70) Pentachlorophenol	11.09	266	342841	94.329	ng		99
71) Phenanthrene	11.30	178	1382126	42.332	ng		99
72) Anthracene	11.35	178	1416339	43.416	ng		100
73) Carbazole	11.50	167	1186327	40.820	ng		100
74) Di-n-butylphthalate	11.83	149	1494141	42.453	ng		99
75) Fluoranthene	12.49	202	1352117	39.015	ng		99
77) Benzidine	12.60	184	328651	22.577	ng		98
78) Pyrene	12.71	202	1319801	45.920	ng		100
80) Butylbenzylphthalate	13.33	149	570791	47.187	ng		93
81) Benzo(a)anthracene	13.90	228	1046057	42.892	ng		99
82) 3,3'-Dichlorobenzidine	13.86	252	189837	20.046	ng		99
83) Chrysene	13.93	228	1028681	42.332	ng		100
84) Bis(2-ethylhexyl)phthalate	13.89	149	756894	49.528	ng		100
85) Di-n-octyl phthalate	14.50	149	1195543	49.101	ng		100
86) Indeno(1,2,3-cd)pyrene	16.75	276	1239807	52.691	ng		98
88) Benzo(b)fluoranthene	14.93	252	1004905	40.195	ng		99
89) Benzo(k)fluoranthene	14.96	252	1019785	44.016	ng		100
90) Benzo(a)pyrene	15.28	252	934724	41.426	ng		100
91) Dibenzo(a,h)anthracene	16.76	278	1027298	51.744	ng		98
92) Benzo(g,h,i)perylene	17.17	276	1069280	54.510	ng		98

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

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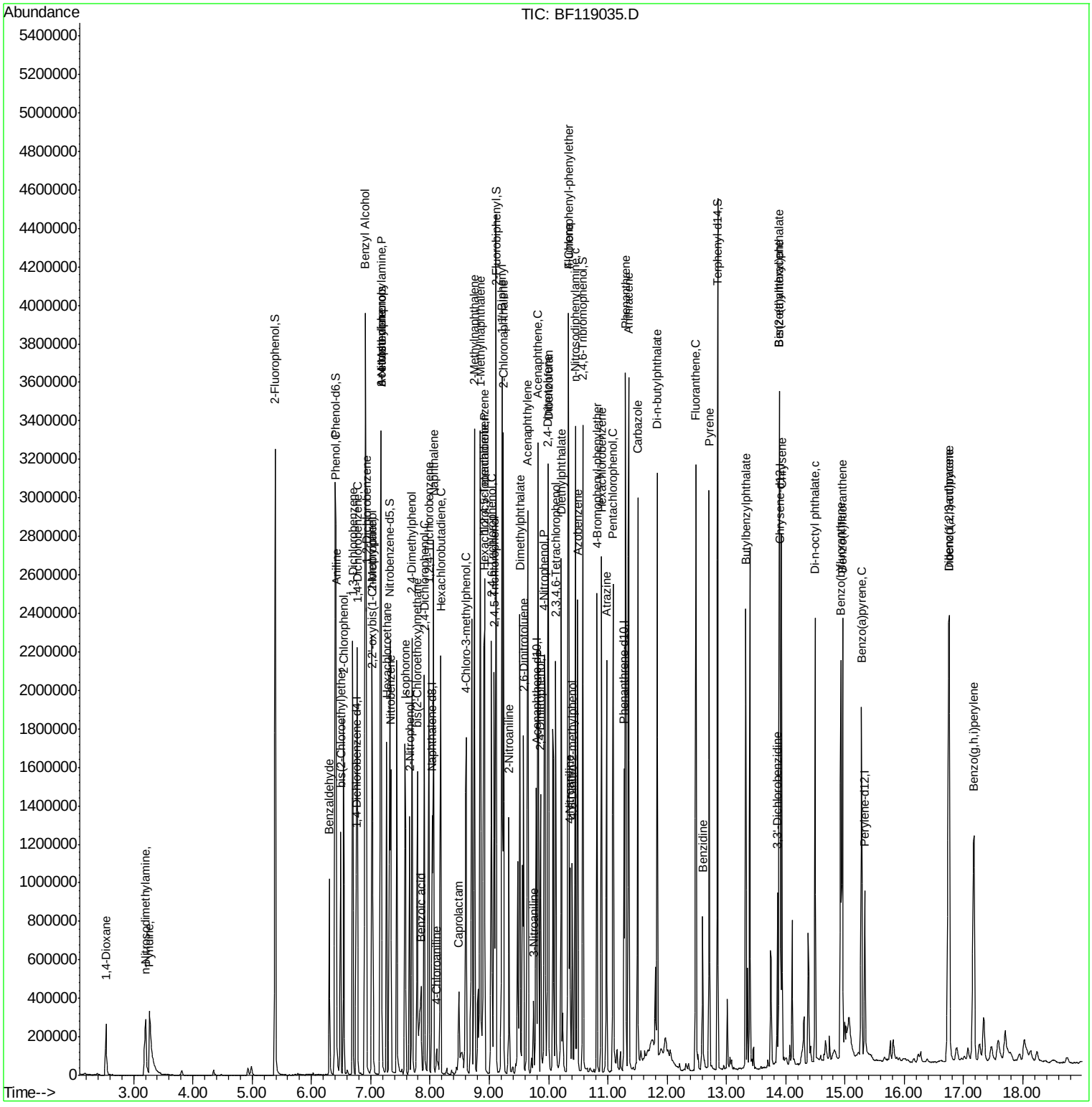
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