Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100620\
Data File : BP003540.D
Acq On : 07 Oct 2020 03:52
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/8/2020 12:28:20 PM

Quant Time: Oct 07 05:41:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 14:33:14 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.487	152	88696	20.00	ng		-0.01
21) Naphthalene-d8	10.263	136	353635	20.00	ng		#-0.01
39) Acenaphthene-d10	14.151	164	221925	20.00	ng		0.00
64) Phenanthrene-d10	16.910	188	492594	20.00	ng		# 0.00
76) Chrysene-d12	21.016	240	536913	20.00	ng		-0.01
86) Perylene-d12	23.180	264	656527	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.105	112	429292	84.51	ng		0.00
7) Phenol-d6	6.699	99	614352	90.74	ng		0.00
23) Nitrobenzene-d5	8.646	82	553434	91.94	ng		0.00
42) 2,4,6-Tribromophenol	15.657	330	248319	73.36	ng		0.00
45) 2-Fluorobiphenyl	12.763	172	1165605	76.82	ng		-0.01
79) Terphenyl-d14	19.492	244	1931073	74.94	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.993	88	84960	40.70	ng		98
3) Pyridine	3.387	79	236849	42.61	ng		93
4) n-Nitrosodimethylamine	3.311	42	75894	45.65	ng	#	88
6) Aniline	6.822	93	350440	45.07	ng	#	91
8) 2-Chlorophenol	7.063	128	231422	40.91	ng		88
9) Benzaldehyde	6.640	77	158028	41.85	ng	#	83
10) Phenol	6.722	94	294262	45.50	ng		87
11) bis(2-Chloroethyl)ether	6.922	93	229706	44.82	ng		94
12) 1,3-Dichlorobenzene	7.381	146	263764	39.00	ng	#	94
13) 1,4-Dichlorobenzene	7.522	146	268048	39.18	ng		94
14) 1,2-Dichlorobenzene	7.840	146	255220	38.86	ng		95
15) Benzyl Alcohol	7.740	79	214164	47.60	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.028	45	182400	48.95	ng		91
17) 2-Methylphenol	7.963	107	202450	43.29	ng	#	93
18) Hexachloroethane	8.552	117	103275	40.51	ng		93
19) n-Nitroso-di-n-propyla...	8.299	70	168492	46.45	ng	#	93
20) 3+4-Methylphenols	8.293	107	267075	42.91	ng	#	88
22) Acetophenone	8.310	105	353640	40.72	ng	#	91
24) Nitrobenzene	8.687	77	282325	46.87	ng	#	83
25) Isophorone	9.210	82	495418	44.91	ng	#	90
26) 2-Nitrophenol	9.399	139	131942	40.11	ng	#	79
27) 2,4-Dimethylphenol	9.481	122	187836	40.38	ng		88
28) bis(2-Chloroethoxy)met...	9.693	93	317443	43.23	ng		98
29) 2,4-Dichlorophenol	9.946	162	222058	38.20	ng		93
30) 1,2,4-Trichlorobenzene	10.140	180	252272	36.58	ng		97
31) Naphthalene	10.316	128	735164	39.35	ng		100
32) Benzoic acid	9.704	122	74142	27.18	ng	#	80
33) 4-Chloroaniline	10.440	127	327444	41.26	ng	#	91
34) Hexachlorobutadiene	10.610	225	164114	34.86	ng		99
35) Caprolactam	11.216	113	81546	42.03	ng	#	78
36) 4-Chloro-3-methylphenol	11.604	107	263694	42.07	ng		88
37) 2-Methylnaphthalene	11.940	142	523253	38.66	ng	#	96
38) 1-Methylnaphthalene	12.163	142	496014	38.60	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.328	216	271436	37.36	ng	#	98
41) Hexachlorocyclopentadiene	12.304	237	85976	44.11	ng		99
43) 2,4,6-Trichlorophenol	12.587	196	176217	37.51	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.675	196	181781	37.62	ng	#	93
46) 1,1'-Biphenyl	12.975	154	659979	39.87	ng		98
47) 2-Chloronaphthalene	13.016	162	541522	39.51	ng		95
48) 2-Nitroaniline	13.234	65	180297	51.98	ng	#	68
49) Acenaphthylene	13.869	152	831272	39.69	ng		99
50) Dimethylphthalate	13.622	163	696621	39.31	ng		99
51) 2,6-Dinitrotoluene	13.740	165	152444	40.13	ng	#	66
52) Acenaphthene	14.216	154	508808	39.92	ng		99
53) 3-Nitroaniline	14.075	138	177873	43.21	ng	#	71
54) 2,4-Dinitrophenol	14.316	184	79053	47.25	ng	#	78
55) Dibenzofuran	14.557	168	779683	38.33	ng		94
56) 4-Nitrophenol	14.434	139	142885	56.80	ng	#	62
57) 2,4-Dinitrotoluene	14.551	165	214696	40.75	ng	#	50
58) Fluorene	15.210	166	623619	38.81	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.804	232	169142	37.22	ng		95
60) Diethylphthalate	14.992	149	720984	39.89	ng		98
61) 4-Chlorophenyl-phenyle...	15.204	204	326614	37.24	ng		95
62) 4-Nitroaniline	15.251	138	183751	42.06	ng	#	67
63) Azobenzene	15.498	77	657415	47.71	ng		88
65) 4,6-Dinitro-2-methylph...	15.328	198	102787	39.54	ng		85
66) n-Nitrosodiphenylamine	15.422	169	567241	39.20	ng		100
67) 4-Bromophenyl-phenylether	16.098	248	221164	37.15	ng	#	92
68) Hexachlorobenzene	16.228	284	259036	36.62	ng		94
69) Atrazine	16.392	200	211022	37.18	ng		98
70) Pentachlorophenol	16.586	266	119129	42.68	ng		99
71) Phenanthrene	16.951	178	1065319	39.75	ng		100
72) Anthracene	17.039	178	1045684	39.59	ng		100
73) Carbazole	17.322	167	1017842	40.57	ng		99
74) Di-n-butylphthalate	17.886	149	1250312	38.98	ng	#	98
75) Fluoranthene	18.939	202	1332180	39.53	ng		99
77) Benzidine	19.128	184	562417	33.78	ng		100
78) Pyrene	19.292	202	1370717	40.94	ng		100
80) Butylbenzylphthalate	20.175	149	637989	41.65	ng	#	87
81) Benzo(a)anthracene	21.004	228	1356301	39.08	ng		100
82) 3,3'-Dichlorobenzidine	20.933	252	538232	40.12	ng		99
83) Chrysene	21.051	228	1286742	38.59	ng		100
84) Bis(2-ethylhexyl)phtha...	20.939	149	799005	37.05	ng		100
85) Di-n-octyl phthalate	21.786	149	1564535	39.70	ng	#	97
87) Indeno(1,2,3-cd)pyrene	25.386	276	1924664	38.68	ng		96
88) Benzo(b)fluoranthene	22.533	252	1622568	39.14	ng		98
89) Benzo(k)fluoranthene	22.580	252	1466458m	36.91	ng		
90) Benzo(a)pyrene	23.092	252	1519388	38.87	ng	#	98
91) Dibenzo(a,h)anthracene	25.386	278	1589391	38.71	ng	#	96
92) Benzo(g,h,i)perylene	26.051	276	1626608	39.68	ng		99

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

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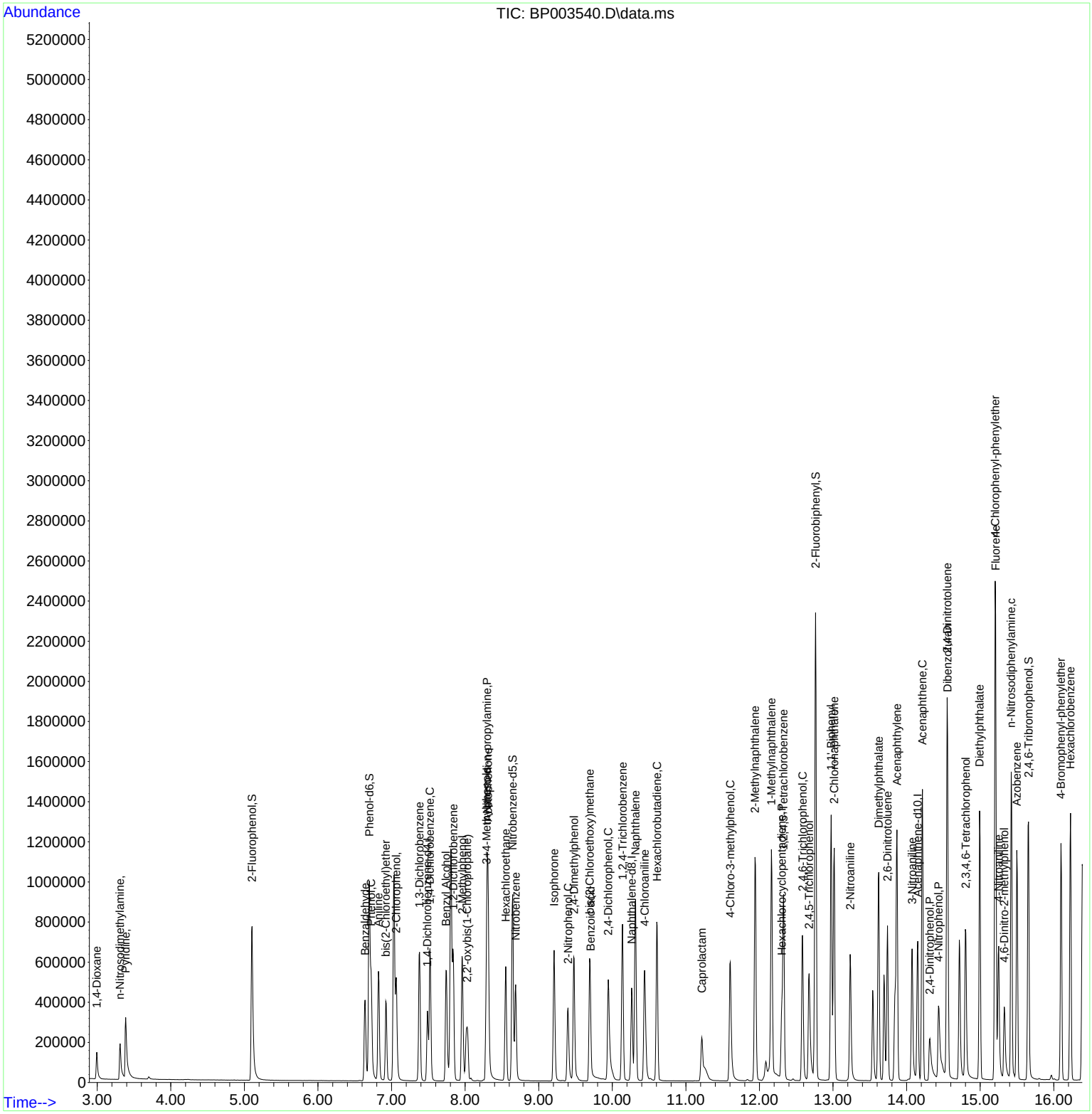

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