Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092920\
Data File : BP003402.D
Acq On : 29 Sep 2020 16:47
Operator : CG/JU
Sample : L4172-14MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-8(13-14)MSD

Quant Time: Sep 29 18:02:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 17:55:44 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.546	152	54635	20.00	ng		0.00
21) Naphthalene-d8	10.322	136	258151	20.00	ng		# 0.00
39) Acenaphthene-d10	14.198	164	187575	20.00	ng		-0.01
64) Phenanthrene-d10	16.957	188	453793	20.00	ng		# 0.00
76) Chrysene-d12	21.063	240	525877	20.00	ng		-0.01
86) Perylene-d12	23.251	264	659160	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.158	112	381552	121.94	ng		0.00
7) Phenol-d6	6.746	99	538887	129.21	ng		0.00
23) Nitrobenzene-d5	8.693	82	335385	76.32	ng		-0.01
42) 2,4,6-Tribromophenol	15.704	330	255561	89.33	ng		0.00
45) 2-Fluorobiphenyl	12.816	172	792158	61.77	ng		0.00
79) Terphenyl-d14	19.539	244	1305923	51.74	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.052	88	51692	40.20	ng		97
3) Pyridine	3.446	79	144900	42.32	ng		94
4) n-Nitrosodimethylamine	3.364	42	48808	47.66	ng		96
6) Aniline	6.875	93	183138	38.24	ng		95
8) 2-Chlorophenol	7.116	128	193302	55.47	ng		89
9) Benzaldehyde	6.693	77	47374	20.37	ng		87
10) Phenol	6.775	94	256346	64.35	ng		93
11) bis(2-Chloroethyl)ether	6.975	93	168944	53.52	ng		97
12) 1,3-Dichlorobenzene	7.434	146	178111	42.75	ng	#	94
13) 1,4-Dichlorobenzene	7.581	146	183587	43.56	ng		96
14) 1,2-Dichlorobenzene	7.893	146	178038	44.01	ng		95
15) Benzyl Alcohol	7.793	79	177155	63.92	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.081	45	123801	53.94	ng		90
17) 2-Methylphenol	8.010	107	176872	61.40	ng		94
18) Hexachloroethane	8.610	117	68224	43.44	ng		91
19) n-Nitroso-di-n-propyla...	8.352	70	133315	59.67	ng	#	94
20) 3+4-Methylphenols	8.340	107	243418	63.50	ng		93
22) Acetophenone	8.363	105	283643	44.74	ng	#	94
24) Nitrobenzene	8.734	77	208224	47.36	ng	#	84
25) Isophorone	9.263	82	415336	51.57	ng	#	91
26) 2-Nitrophenol	9.446	139	107062	44.58	ng	#	80
27) 2,4-Dimethylphenol	9.528	122	201904	59.45	ng		92
28) bis(2-Chloroethoxy)met...	9.746	93	255790	47.72	ng		97
29) 2,4-Dichlorophenol	9.998	162	203789	48.02	ng		95
30) 1,2,4-Trichlorobenzene	10.193	180	187027	37.15	ng		97
31) Naphthalene	10.369	128	593727	43.54	ng		100
32) Benzoic acid	9.716	122	96320	41.23	ng	#	80
33) 4-Chloroaniline	10.493	127	161111	27.81	ng	#	93
34) Hexachlorobutadiene	10.669	225	111977	32.58	ng		99
35) Caprolactam	11.257	113	80430	56.79	ng		89
36) 4-Chloro-3-methylphenol	11.651	107	250261	54.70	ng		90
37) 2-Methylnaphthalene	11.998	142	450851	45.64	ng		96
38) 1-Methylnaphthalene	12.222	142	427573	45.58	ng		99
40) 1,2,4,5-Tetrachloroben...	12.381	216	236893	38.57	ng		98
41) Hexachlorocyclopentadiene	12.357	237	94788	52.78	ng		99
43) 2,4,6-Trichlorophenol	12.634	196	163995	41.30	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.722	196	181553	44.45	ng	#	94
46) 1,1'-Biphenyl	13.028	154	598580	42.79	ng		98
47) 2-Chloronaphthalene	13.063	162	467688	40.37	ng		96
48) 2-Nitroaniline	13.281	65	147167	50.20	ng	#	74
49) Acenaphthylene	13.916	152	806826	45.58	ng		100
50) Dimethylphthalate	13.669	163	778739	51.99	ng		100
51) 2,6-Dinitrotoluene	13.787	165	148234	46.17	ng	#	79
52) Acenaphthene	14.263	154	474148	44.02	ng		99
53) 3-Nitroaniline	14.116	138	104704	30.09	ng	#	74
54) 2,4-Dinitrophenol	14.345	184	116575	77.03	ng	#	88
55) Dibenzofuran	14.604	168	754624	43.89	ng		95
56) 4-Nitrophenol	14.469	139	211755	99.59	ng	#	71
57) 2,4-Dinitrotoluene	14.586	165	210665	47.31	ng	#	73
58) Fluorene	15.257	166	626188	46.11	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.845	232	159424	41.51	ng		97
60) Diethylphthalate	15.039	149	689517	45.13	ng		99
61) 4-Chlorophenyl-phenyle...	15.251	204	304268	41.04	ng		96
62) 4-Nitroaniline	15.286	138	158533	42.94	ng	#	77
63) Azobenzene	15.545	77	605360	51.98	ng		90
65) 4,6-Dinitro-2-methylph...	15.363	198	104954	43.83	ng		88
66) n-Nitrosodiphenylamine	15.469	169	562509	42.20	ng		100
67) 4-Bromophenyl-phenylether	16.151	248	205368	37.44	ng		94
68) Hexachlorobenzene	16.275	284	236059	36.23	ng		93
69) Atrazine	16.433	200	169718	32.46	ng		98
70) Pentachlorophenol	16.628	266	197166	71.29	ng		99
71) Phenanthrene	16.998	178	1392870	56.41	ng		100
72) Anthracene	17.092	178	1168219	48.01	ng		100
73) Carbazole	17.369	167	1064625	46.06	ng		99
74) Di-n-butylphthalate	17.933	149	1283606	43.44	ng	#	98
75) Fluoranthene	18.986	202	1986946	64.00	ng		99
77) Benzidine	19.169	184	930106	57.04	ng		99
78) Pyrene	19.339	202	1926669	58.75	ng		100
80) Butylbenzylphthalate	20.221	149	645388	43.01	ng	#	88
81) Benzo(a)anthracene	21.051	228	1795302	52.81	ng		100
82) 3,3'-Dichlorobenzidine	20.980	252	436990	33.26	ng		100
83) Chrysene	21.098	228	1667346	51.05	ng		99
84) Bis(2-ethylhexyl)phtha...	20.986	149	963459	45.61	ng		99
85) Di-n-octyl phthalate	21.845	149	1775382	46.00	ng	#	98
87) Indeno(1,2,3-cd)pyrene	25.492	276	2537648	50.79	ng		98
88) Benzo(b)fluoranthene	22.604	252	2143679	51.50	ng		100
89) Benzo(k)fluoranthene	22.645	252	1828214	45.83	ng		99
90) Benzo(a)pyrene	23.163	252	1944348	49.54	ng		100
91) Dibenzo(a,h)anthracene	25.498	278	1939055	47.03	ng		99
92) Benzo(g,h,i)perylene	26.168	276	2210572	53.71	ng		99

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

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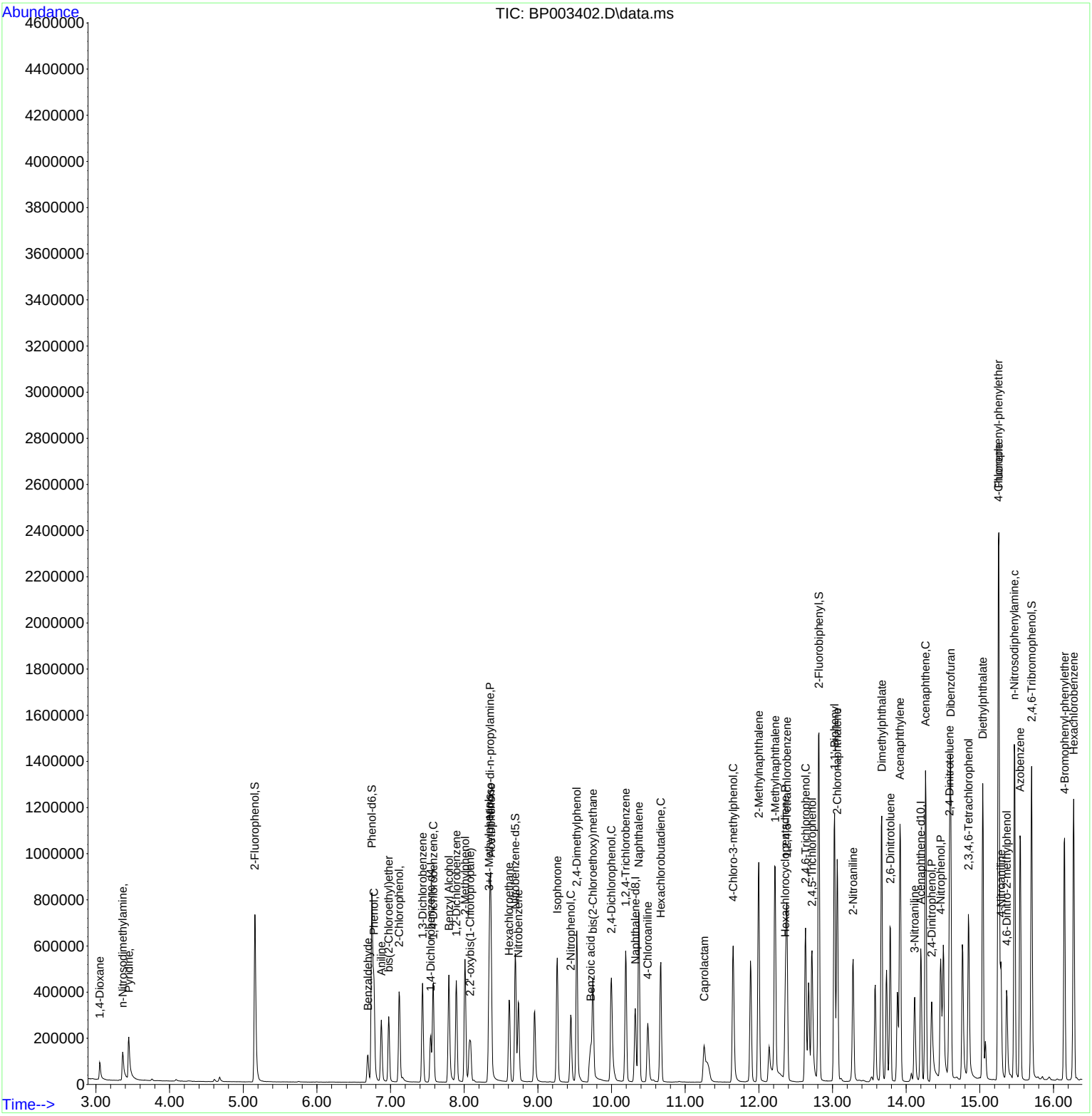

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