Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100520\
Data File : BP003515.D
Acq On : 06 Oct 2020 07:33
Operator : CG/JU
Sample : L4219-08MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-01-100120MSD

Quant Time: Oct 06 08:16:03 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	7.499	152	96451	20.00	ng		0.00
21) Naphthalene-d8	10.275	136	387843	20.00	ng		# 0.00
39) Acenaphthene-d10	14.157	164	238522	20.00	ng		0.00
64) Phenanthrene-d10	16.916	188	528001	20.00	ng		# 0.00
76) Chrysene-d12	21.027	240	570368	20.00	ng		0.00
86) Perylene-d12	23.192	264	532345	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.116	112	776981	140.66	ng		0.00
7) Phenol-d6	6.710	99	902557	122.59	ng		0.00
23) Nitrobenzene-d5	8.657	82	724562	109.75	ng		0.00
42) 2,4,6-Tribromophenol	15.663	330	441998	121.49	ng		0.00
45) 2-Fluorobiphenyl	12.775	172	1494668	91.65	ng		0.00
79) Terphenyl-d14	19.504	244	2395657	87.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.022	88	85790	37.79	ng	#	56
3) Pyridine	3.417	79	215427	35.64	ng		92
4) n-Nitrosodimethylamine	3.322	42	87614	48.46	ng		93
6) Aniline	6.834	93	211942	25.07	ng	#	91
8) 2-Chlorophenol	7.075	128	282468	45.91	ng		88
9) Benzaldehyde	6.652	77	65730	16.01	ng		85
10) Phenol	6.734	94	306251	43.55	ng		87
11) bis(2-Chloroethyl)ether	6.934	93	278073	49.90	ng		93
12) 1,3-Dichlorobenzene	7.387	146	300762	40.89	ng	#	92
13) 1,4-Dichlorobenzene	7.534	146	304788	40.96	ng	#	95
14) 1,2-Dichlorobenzene	7.846	146	294781	41.28	ng		95
15) Benzyl Alcohol	7.752	79	264852	54.13	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.034	45	208721	51.51	ng		90
17) 2-Methylphenol	7.975	107	239594	47.12	ng	#	93
18) Hexachloroethane	8.563	117	116222	41.92	ng		93
19) n-Nitroso-di-n-propyla...	8.310	70	201603	51.11	ng	#	94
20) 3+4-Methylphenols	8.305	107	310264	45.85	ng	#	83
22) Acetophenone	8.322	105	427025	44.83	ng	#	92
24) Nitrobenzene	8.693	77	323988	49.05	ng	#	83
25) Isophorone	9.216	82	597893	49.42	ng	#	90
26) 2-Nitrophenol	9.404	139	152656	42.31	ng	#	78
27) 2,4-Dimethylphenol	9.487	122	261555	51.26	ng		90
28) bis(2-Chloroethoxy)met...	9.704	93	368680	45.78	ng		98
29) 2,4-Dichlorophenol	9.963	162	269770	42.31	ng		95
30) 1,2,4-Trichlorobenzene	10.146	180	281774	37.25	ng		98
31) Naphthalene	10.322	128	867535	42.34	ng		99
32) Benzoic acid	9.722	122	39139	17.83	ng	#	75
33) 4-Chloroaniline	10.463	127	91584	10.52	ng	#	92
34) Hexachlorobutadiene	10.616	225	177873	34.45	ng		99
35) Caprolactam	11.234	113	72459	34.06	ng		80
36) 4-Chloro-3-methylphenol	11.610	107	315031	45.83	ng		85
37) 2-Methylnaphthalene	11.951	142	615349	41.46	ng	#	95
38) 1-Methylnaphthalene	12.175	142	580255	41.18	ng		99
40) 1,2,4,5-Tetrachloroben...	12.340	216	318881	40.83	ng		98
41) Hexachlorocyclopentadiene	12.316	237	83236	41.11	ng		98
43) 2,4,6-Trichlorophenol	12.593	196	207159	41.03	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.687	196	216774	41.74	ng	#	93
46) 1,1'-Biphenyl	12.987	154	783977	44.07	ng		98
47) 2-Chloronaphthalene	13.022	162	607806	41.26	ng		96
48) 2-Nitroaniline	13.245	65	193171	51.81	ng	#	71
49) Acenaphthylene	13.875	152	976925	43.40	ng		99
50) Dimethylphthalate	13.628	163	817841	42.94	ng		100
51) 2,6-Dinitrotoluene	13.751	165	179291	43.92	ng	#	71
52) Acenaphthene	14.222	154	587088	42.86	ng		99
53) 3-Nitroaniline	14.087	138	103645	23.43	ng	#	75
54) 2,4-Dinitrophenol	14.328	184	69131	39.79	ng	#	84
55) Dibenzofuran	14.563	168	929165	42.50	ng		94
56) 4-Nitrophenol	14.445	139	199153	73.65	ng	#	66
57) 2,4-Dinitrotoluene	14.557	165	246722	43.57	ng	#	54
58) Fluorene	15.216	166	748990	43.37	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.810	232	192807	39.48	ng		93
60) Diethylphthalate	15.004	149	839376	43.21	ng		99
61) 4-Chlorophenyl-phenyle...	15.216	204	380498	40.36	ng		95
62) 4-Nitroaniline	15.257	138	173950	37.05	ng	#	70
63) Azobenzene	15.510	77	784299	52.96	ng		90
65) 4,6-Dinitro-2-methylph...	15.345	198	77889	27.96	ng		88
66) n-Nitrosodiphenylamine	15.434	169	687760	44.34	ng		99
67) 4-Bromophenyl-phenylether	16.110	248	253932	39.79	ng		93
68) Hexachlorobenzene	16.233	284	290980	38.38	ng	#	91
69) Atrazine	16.398	200	199546	32.80	ng		98
70) Pentachlorophenol	16.592	266	217913	68.06	ng		99
71) Phenanthrene	16.957	178	1267581	44.12	ng		99
72) Anthracene	17.051	178	1292727	45.66	ng		100
73) Carbazole	17.328	167	1218322	45.30	ng		99
74) Di-n-butylphthalate	17.898	149	1517706	44.15	ng	#	99
75) Fluoranthene	18.945	202	1592942	44.10	ng		99
77) Benzidine	19.133	184	201375	11.39	ng		99
78) Pyrene	19.298	202	1639159	46.08	ng		100
80) Butylbenzylphthalate	20.180	149	757822	46.57	ng	#	85
81) Benzo(a)anthracene	21.010	228	1621850	43.99	ng		100
82) 3,3'-Dichlorobenzidine	20.945	252	438720	30.79	ng		99
83) Chrysene	21.063	228	1539758	43.47	ng		100
84) Bis(2-ethylhexyl)phtha...	20.945	149	1017657	44.42	ng		98
85) Di-n-octyl phthalate	21.798	149	2026013	48.39	ng	#	97
87) Indeno(1,2,3-cd)pyrene	25.404	276	1710058	42.38	ng		99
88) Benzo(b)fluoranthene	22.545	252	1623843	48.31	ng		100
89) Benzo(k)fluoranthene	22.592	252	1529363	47.47	ng		99
90) Benzo(a)pyrene	23.104	252	1395171	44.01	ng		99
91) Dibenzo(a,h)anthracene	25.404	278	1441352	43.29	ng		98
92) Benzo(g,h,i)perylene	26.068	276	1440210	43.33	ng		99

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

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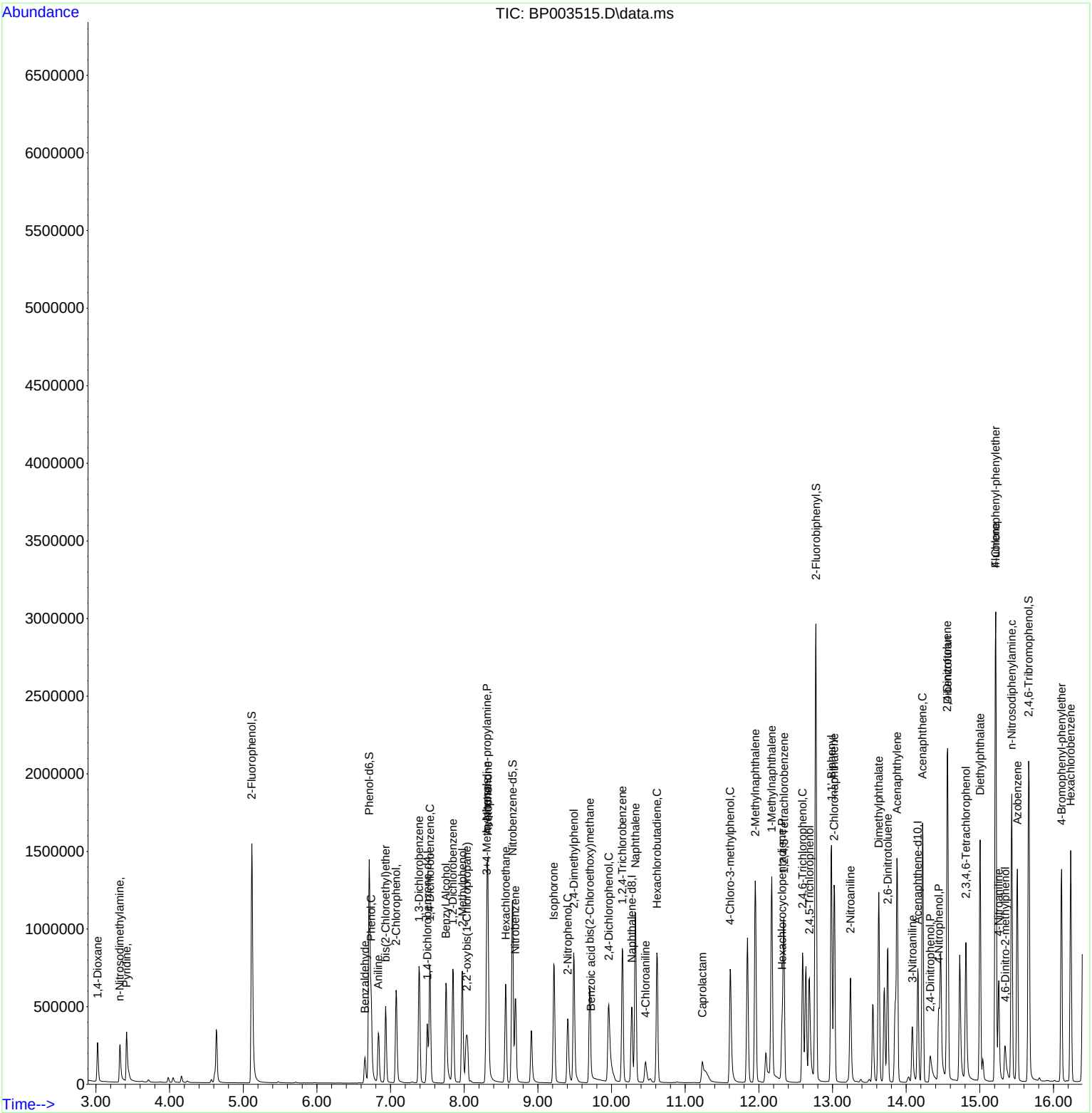

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