Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080524\
Data File : BP021375.D
Acq On : 05 Aug 2024 16:54
Operator : CG/JU
Sample : P3300-08MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E1G93MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 06 04:07:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	179128	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.375	136	673026	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.257	164	424590	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.087	188	942109	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	1015532	20.000	ng/ul	0.00
88) Perylene-d12	24.827	264	1255396	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	18117	4.602	ng/uL	-0.02
4) Pyridine-d5	3.593	84	65550	5.752	ng/ul	0.00
7) Phenol-d5	6.846	99	93793	6.423	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.964	67	215251	24.321	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.164	132	271179	22.538	ng/ul	-0.02
15) 4-Methylphenol-d8	8.358	113	172165	14.194	ng/ul	0.00
21) Nitrobenzene-d5	8.781	128	134057	25.645	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.493	143	149958	25.063	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.040	165	276212	25.530	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.557	131	309350	21.584	ng/ul	0.00
46) Dimethylphthalate-d6	13.669	166	877210	28.420	ng/ul	-0.01
49) Acenaphthylene-d8	13.951	160	971672	28.036	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.587	143	69975m	15.934	ng/ul	0.00
60) Fluorene-d10	15.275	176	754975	29.815	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	162973	28.590	ng/ul	-0.01
73) Anthracene-d10	17.192	188	1256780	30.035	ng/ul	0.00
81) Pyrene-d10	19.575	212	1600308	25.489	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.586	264	1900654	30.697	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	23612	5.454	ng/uL	95
5) Pyridine	3.611	79	64851	5.517	ng/ul	88
6) Benzaldehyde	6.793	77	193411m	26.270	ng/ul	
8) Phenol	6.881	94	109428	7.405	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.052	93	284554	23.309	ng/ul	97
12) 2-Chlorophenol	7.199	128	273534	22.682	ng/ul	99
13) 2-Methylphenol	8.081	108	206813	18.096	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.128	45	417169	23.653	ng/ul#	96
16) Acetophenone	8.440	105	434972	23.235	ng/ul	90
17) N-Nitroso-di-n-propyla...	8.416	70	216456	22.068	ng/ul	99
18) 4-Methylphenol	8.422	108	188332	15.382	ng/ul	95
19) Hexachloroethane	8.652	117	127115	23.456	ng/ul	98
22) Nitrobenzene	8.816	77	342610	27.360	ng/ul	97
23) Isophorone	9.328	82	613932	24.661	ng/ul	98
25) 2-Nitrophenol	9.522	139	164359	26.339	ng/ul	98
26) 2,4-Dimethylphenol	9.593	107	239517	19.465	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.805	93	367949	24.316	ng/ul	98
29) 2,4-Dichlorophenol	10.075	162	271130	25.429	ng/ul	98
30) Naphthalene	10.428	128	906264	25.599	ng/ul	99
32) 4-Chloroaniline	10.581	127	252217	18.428	ng/ul	100
33) Hexachlorobutadiene	10.681	225	190639	23.846	ng/ul	98
34) Caprolactam	11.422	113	16480m	5.017	ng/ul	
35) 4-Chloro-3-methylphenol	11.728	107	309827	26.733	ng/ul	98
36) 2-Methylnaphthalene	12.052	142	612835	25.218	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.263	142	622354	24.901	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.428	216	361794	26.238	ng/ul	98
40) Hexachlorocyclopentadiene	12.375	237	53504	7.417	ng/ul	98
41) 2,4,6-Trichlorophenol	12.687	196	238010	27.317	ng/ul	99
42) 2,4,5-Trichlorophenol	12.793	196	265694	28.821	ng/ul	97
43) 1,1'-Biphenyl	13.075	154	821403	26.471	ng/ul	99
44) 2-Chloronaphthalene	13.122	162	656269	26.493	ng/ul	99
45) 2-Nitroaniline	13.375	65	219601	32.057	ng/ul	95
47) Dimethylphthalate	13.716	163	882601	28.182	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	184208	29.420	ng/ul	97
50) Acenaphthylene	13.981	152	1073272	27.351	ng/ul	100
51) 3-Nitroaniline	14.222	138	177772	32.627	ng/ul	96
52) Acenaphthene	14.328	153	727605	27.937	ng/ul	96
53) 2,4-Dinitrophenol	14.463	184	93139	28.325	ng/ul	92
55) 4-Nitrophenol	14.646	109	37232m	10.423	ng/ul	
56) Dibenzofuran	14.675	168	1041039	29.189	ng/ul	100
57) 2,4-Dinitrotoluene	14.693	165	286834	33.371	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.922	232	238059	30.157	ng/ul	99
59) Diethylphthalate	15.104	149	914954	29.233	ng/ul	99
61) Fluorene	15.340	166	875194	30.071	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.322	204	443683	28.094	ng/ul	97
63) 4-Nitroaniline	15.416	138	181577	40.241	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.469	198	175049	28.958	ng/ul	97
67) N-Nitrosodiphenylamine	15.551	169	756365	27.570	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	291215	26.372	ng/ul	98
69) Hexachlorobenzene	16.363	284	354236	27.978	ng/ul	99
70) Atrazine	16.545	200	159525	15.955	ng/ul	99
71) Pentachlorophenol	16.745	266	194823	28.331	ng/ul	97
72) Phenanthrene	17.134	178	1488510	30.457	ng/ul	100
74) Anthracene	17.228	178	1483567	29.776	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.040	216	361912	24.001	ng/uL	99
76) Pentachlorobenzene	14.587	250	385810	25.749	ng/uL	98
77) Carbazole	17.534	167	1402438	34.433	ng/ul	100
78) Di-n-butylphthalate	18.081	149	1691702	30.105	ng/ul	100
80) Fluoranthene	19.228	202	1900479	25.065	ng/ul	99
82) Pyrene	19.604	202	1984425	25.720	ng/ul	98
83) Butylbenzylphthalate	20.545	149	845339	26.297	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.439	252	526075	22.670	ng/ul	99
85) Benzo(a)anthracene	21.516	228	2095855	29.462	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	1369497	29.603	ng/ul	100
87) Chrysene	21.580	228	2015732	30.494	ng/ul	100
89) Di-n-octyl phthalate	22.651	149	2208191	26.627	ng/ul	100
90) Benzo(b)fluoranthene	23.780	252	2212888	29.047	ng/ul	99
91) Benzo(k)fluoranthene	23.839	252	2250167	29.596	ng/ul	99
93) Benzo(a)pyrene	24.657	252	1896939	26.349	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.580	276	2761662	29.769	ng/ul	99
95) Dibenzo(a,h)anthracene	28.627	278	2243780	29.208	ng/ul	100
96) Benzo(g,h,i)perylene	29.762	276	2139068m	28.313	ng/ul	

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

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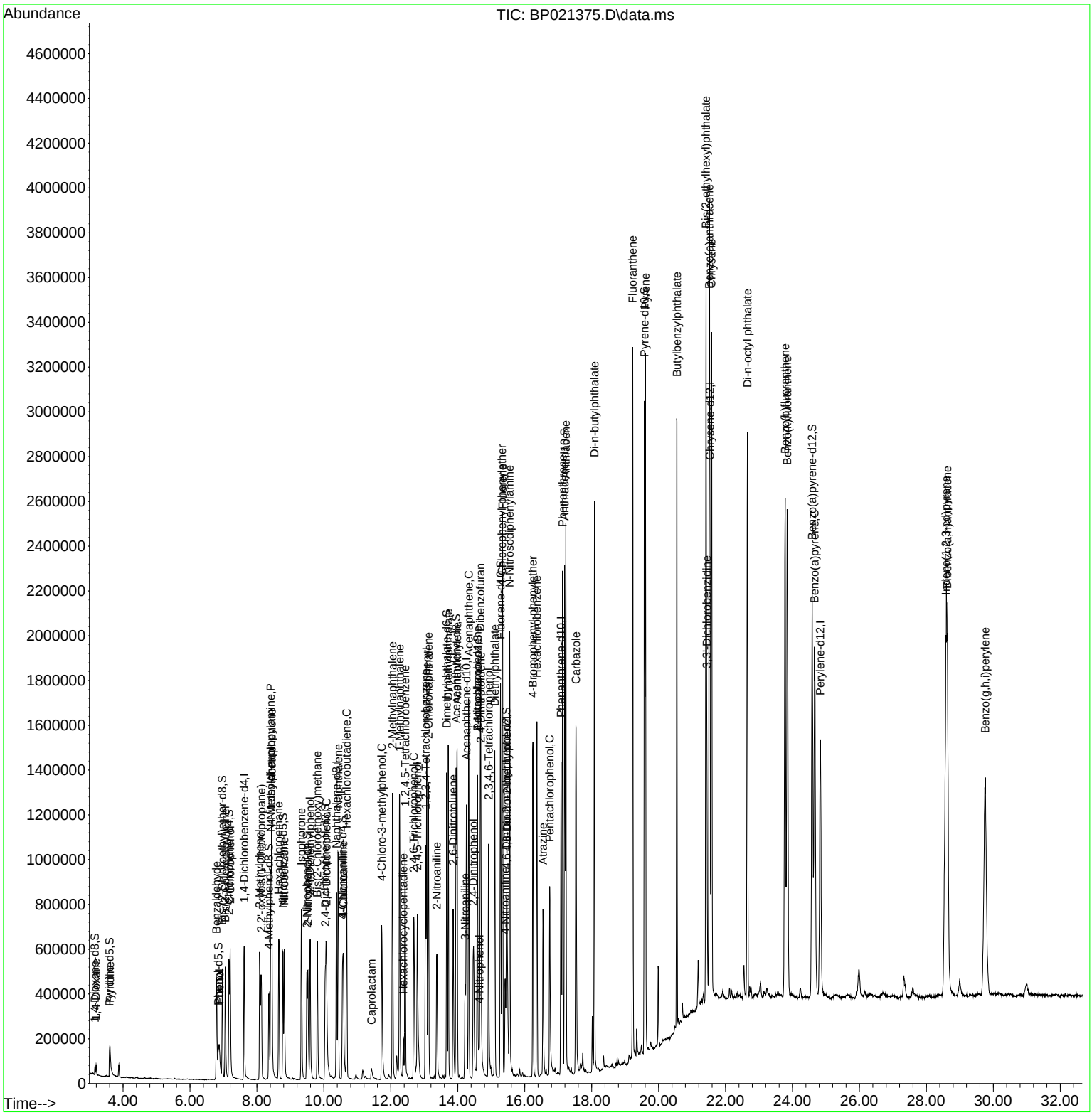
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