Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017167.D
Acq On : 14 Sep 2023 02:04
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020733

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 14 02:57:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 23:27:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	282805	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	1284100	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.610	164	845562	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	1930037	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	1863504	20.000	ng/ul	0.00
88) Perylene-d12	24.004	264	1872882	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	50118	7.447	ng/uL	0.00
4) Pyridine-d5	3.746	84	353922	18.384	ng/ul	0.00
7) Phenol-d5	7.105	99	429308	18.669	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	273033	18.996	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	351419	19.156	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	360366	18.909	ng/ul	0.00
21) Nitrobenzene-d5	9.151	128	174354	19.391	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	191582	19.958	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	364140	19.615	ng/ul	0.00
31) 4-Chloroaniline-d4	10.940	131	525560	18.782	ng/ul	0.00
46) Dimethylphthalate-d6	14.028	166	1137585	18.906	ng/ul	0.00
49) Acenaphthylene-d8	14.310	160	1299325	19.030	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	206333	17.742	ng/ul	0.00
60) Fluorene-d10	15.610	176	981358	18.862	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	177124	16.426	ng/ul	0.00
73) Anthracene-d10	17.480	188	1558709	19.008	ng/ul	0.00
81) Pyrene-d10	19.721	212	1853371	18.964	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.833	264	1690109	19.120	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	53626	7.410	ng/uL	96
5) Pyridine	3.769	79	366178	18.363	ng/ul	99
6) Benzaldehyde	7.110	77	283822	22.169	ng/ul	99
8) Phenol	7.134	94	454646	18.746	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.387	93	368570	19.054	ng/ul	99
12) 2-Chlorophenol	7.504	128	358074	19.230	ng/ul	98
13) 2-Methylphenol	8.393	108	340059	18.808	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.463	45	504424m	19.242	ng/ul	
16) Acetophenone	8.804	105	581172	19.483	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.775	70	301807	19.689	ng/ul	98
18) 4-Methylphenol	8.728	108	379346	18.964	ng/ul	97
19) Hexachloroethane	9.016	117	145084	18.945	ng/ul	92
22) Nitrobenzene	9.193	77	440046	18.793	ng/ul	100
23) Isophorone	9.710	82	833427	18.993	ng/ul	100
25) 2-Nitrophenol	9.898	139	211957	19.867	ng/ul	98
26) 2,4-Dimethylphenol	9.934	107	410861	18.896	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.193	93	518081	18.838	ng/ul	99
29) 2,4-Dichlorophenol	10.416	162	366668	19.512	ng/ul	97
30) Naphthalene	10.828	128	1208719	18.602	ng/ul	99
32) 4-Chloroaniline	10.963	127	516925	18.931	ng/ul	98
33) Hexachlorobutadiene	11.057	225	244110	19.131	ng/ul	97
34) Caprolactam	11.793	113	117041	19.814	ng/ul	92
35) 4-Chloro-3-methylphenol	12.063	107	395795	19.466	ng/ul	99
36) 2-Methylnaphthalene	12.434	142	838728	19.129	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	852574	19.210	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.781	216	476576	18.924	ng/ul	97
40) Hexachlorocyclopentadiene	12.728	237	314022	20.013	ng/ul	100
41) 2,4,6-Trichlorophenol	13.040	196	308644	19.292	ng/ul	96
42) 2,4,5-Trichlorophenol	13.110	196	331284	19.477	ng/ul	99
43) 1,1'-Biphenyl	13.445	154	1125057	18.555	ng/ul	99
44) 2-Chloronaphthalene	13.492	162	900148	18.695	ng/ul	99
45) 2-Nitroaniline	13.728	65	256181	19.642	ng/ul	98
47) Dimethylphthalate	14.075	163	1139221	18.650	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	222521	19.926	ng/ul	95
50) Acenaphthylene	14.339	152	1467075	18.600	ng/ul	100
51) 3-Nitroaniline	14.557	138	231479	19.376	ng/ul	97
52) Acenaphthene	14.675	153	968801	18.561	ng/ul	100
53) 2,4-Dinitrophenol	14.757	184	143236	18.312	ng/ul	98
55) 4-Nitrophenol	14.845	109	165363	17.766	ng/ul	99
56) Dibenzofuran	15.010	168	1346965	18.674	ng/ul	99
57) 2,4-Dinitrotoluene	14.998	165	328377	19.748	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.228	232	291592	19.542	ng/ul	96
59) Diethylphthalate	15.428	149	1153807	19.132	ng/ul	99
61) Fluorene	15.663	166	1120078	18.783	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.657	204	574282	18.941	ng/ul	99
63) 4-Nitroaniline	15.728	138	222611	20.044	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.751	198	194502	16.807	ng/ul	99
67) N-Nitrosodiphenylamine	15.881	169	935230	18.636	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	351448	19.103	ng/ul	97
69) Hexachlorobenzene	16.639	284	412296	18.934	ng/ul	98
70) Atrazine	16.839	200	362889	19.977	ng/ul	100
71) Pentachlorophenol	17.004	266	243754	17.224	ng/ul	99
72) Phenanthrene	17.422	178	1798877	18.547	ng/ul	99
74) Anthracene	17.516	178	1839965	18.730	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.398	216	503978	18.886	ng/uL	99
76) Pentachlorobenzene	14.904	250	459907	18.993	ng/uL	99
77) Carbazole	17.804	167	1636596	18.973	ng/ul	100
78) Di-n-butylphthalate	18.310	149	1991236	20.258	ng/ul	99
80) Fluoranthene	19.386	202	2172955	19.022	ng/ul	99
82) Pyrene	19.745	202	2260604	18.729	ng/ul	99
83) Butylbenzylphthalate	20.610	149	906576	21.060	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.404	252	696836	18.239	ng/ul	99
85) Benzo(a)anthracene	21.463	228	2284353	18.722	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	1329683	22.004	ng/ul	99
87) Chrysene	21.521	228	2104991	18.546	ng/ul	99
89) Di-n-octyl phthalate	22.304	149	2237001	21.541	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	2109737	19.111	ng/ul	99
91) Benzo(k)fluoranthene	23.268	252	2103627	19.168	ng/ul	99
93) Benzo(a)pyrene	23.892	252	1930965	18.853	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.674	276	2098890	18.506	ng/ul	98
95) Dibenzo(a,h)anthracene	26.703	278	1750595	18.375	ng/ul	100
96) Benzo(g,h,i)perylene	27.509	276	1602546	18.273	ng/ul	99

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

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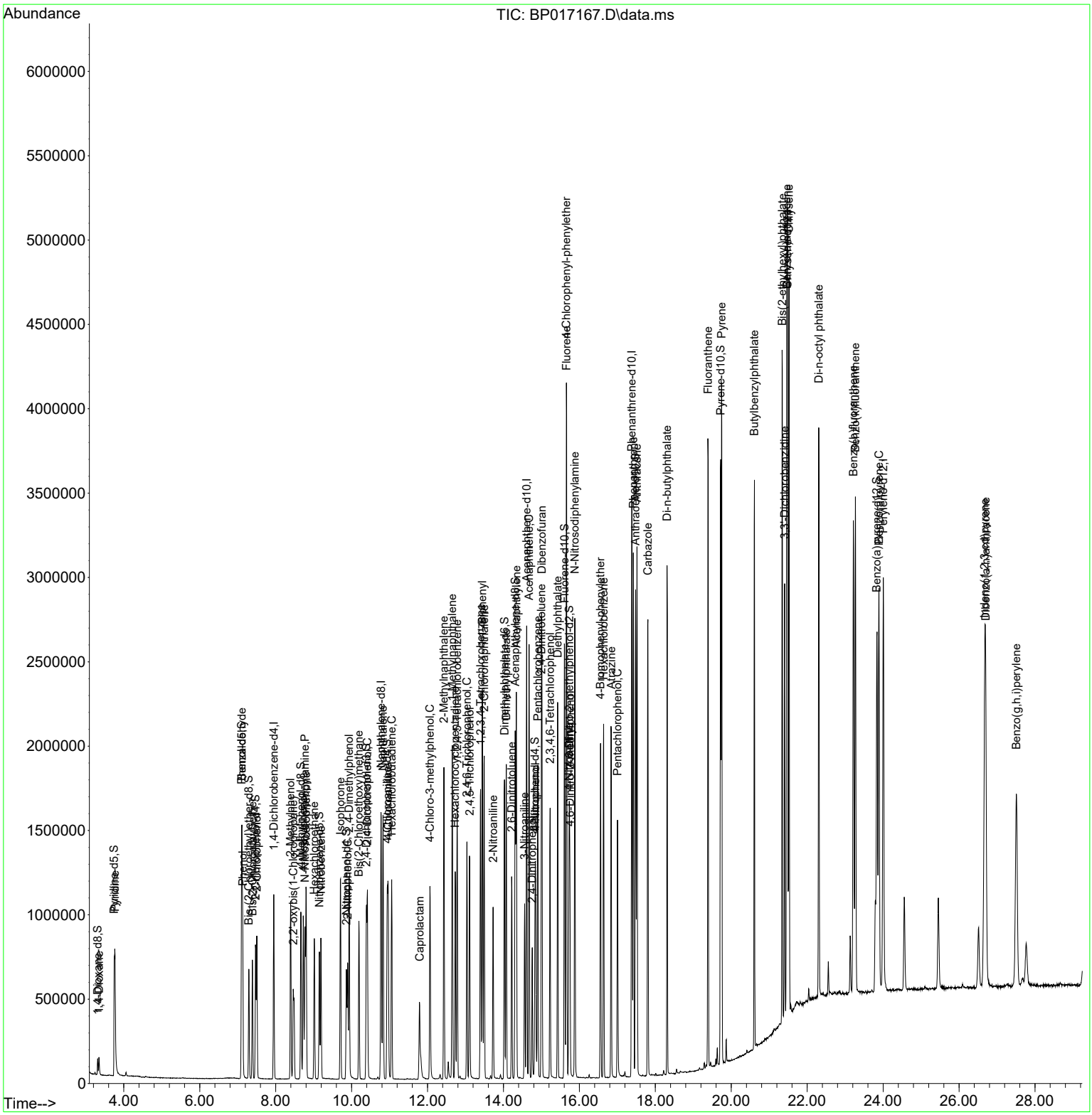
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