Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023927.D
Acq On : 05 Feb 2025 01:32
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020794

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2025
Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 05 08:03:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	517821	20.000	ng/ul	0.00
20) Naphthalene-d8	10.551	136	2196439	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.398	164	1390878	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.186	188	2792255	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	2998713	20.000	ng/ul	-0.02
88) Perylene-d12	24.986	264	2968468	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	107699	8.642	ng/uL	0.00
4) Pyridine-d5	3.705	84	806057	22.414	ng/ul	0.00
7) Phenol-d5	6.957	99	981781	21.424	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	540634	22.289	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	797419	22.159	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	783950	20.942	ng/ul	0.00
21) Nitrobenzene-d5	8.916	128	385465	21.935	ng/ul	0.00
24) 2-Nitrophenol-d4	9.634	143	402906	21.249	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	752770	21.641	ng/ul	0.00
31) 4-Chloroaniline-d4	10.681	131	1133120	21.782	ng/ul	0.00
46) Dimethylphthalate-d6	13.798	166	2126495	20.497	ng/ul	0.00
49) Acenaphthylene-d8	14.086	160	2563283	21.907	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	439454	21.329	ng/ul	0.00
60) Fluorene-d10	15.398	176	1883978	21.564	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	322634	18.729	ng/ul	0.00
73) Anthracene-d10	17.286	188	3045711	22.215	ng/ul	0.00
81) Pyrene-d10	19.651	212	3486733	21.700	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.756	264	3372840	21.777	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	113017	8.623	ng/uL	99
5) Pyridine	3.722	79	813306	22.589	ng/ul	99
6) Benzaldehyde	6.928	77	609029	27.078	ng/ul	99
8) Phenol	6.987	94	1034340	21.982	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.204	93	786159	21.948	ng/ul	99
12) 2-Chlorophenol	7.346	128	823373	22.209	ng/ul	98
13) 2-Methylphenol	8.216	108	750097	21.186	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.287	45	821700	22.235	ng/ul	99
16) Acetophenone	8.581	105	1273255	22.249	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.575	70	580284	21.534	ng/ul	99
18) 4-Methylphenol	8.540	108	847356	21.571	ng/ul	98
19) Hexachloroethane	8.845	117	327695	22.354	ng/ul	95
22) Nitrobenzene	8.957	77	873195	22.897	ng/ul	96
23) Isophorone	9.487	82	1612007	20.935	ng/ul	100
25) 2-Nitrophenol	9.669	139	449799	21.748	ng/ul	97
26) 2,4-Dimethylphenol	9.734	107	852627	22.273	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.963	93	1017804	21.220	ng/ul	99
29) 2,4-Dichlorophenol	10.204	162	767164	21.748	ng/ul	99
30) Naphthalene	10.604	128	2585153	21.988	ng/ul	100
32) 4-Chloroaniline	10.704	127	1086289	22.127	ng/ul	100
33) Hexachlorobutadiene	10.887	225	461093	21.591	ng/ul	99
34) Caprolactam	11.481	113	259222	18.968	ng/ul	99
35) 4-Chloro-3-methylphenol	11.839	107	795080	20.968	ng/ul	98
36) 2-Methylnaphthalene	12.210	142	1770409	21.417	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.422	142	1781692	21.726	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.581	216	907296	22.065	ng/ul	99
40)	Hexachlorocyclopentadiene	12.563	237	395266	17.059	ng/ul	99
41)	2,4,6-Trichlorophenol	12.822	196	581065	21.156	ng/ul	98
42)	2,4,5-Trichlorophenol	12.898	196	640847	21.647	ng/ul	99
43)	1,1'-Biphenyl	13.222	154	2292690	22.206	ng/ul	100
44)	2-Chloronaphthalene	13.263	162	1794743	22.310	ng/ul	100
45)	2-Nitroaniline	13.469	65	469782	22.438	ng/ul	95
47)	Dimethylphthalate	13.851	163	2141072	20.742	ng/ul	99
48)	2,6-Dinitrotoluene	13.969	165	424440	21.040	ng/ul	99
50)	Acenaphthylene	14.116	152	2769347	22.224	ng/ul	100
51)	3-Nitroaniline	14.298	138	489514	22.080	ng/ul	96
52)	Acenaphthene	14.463	153	1954480	22.122	ng/ul	99
53)	2,4-Dinitrophenol	14.504	184	247561	20.585	ng/ul	98
55)	4-Nitrophenol	14.628	109	334155	22.925	ng/ul	97
56)	Dibenzofuran	14.798	168	2691026	21.982	ng/ul	99
57)	2,4-Dinitrotoluene	14.763	165	648414	21.610	ng/ul	93
58)	2,3,4,6-Tetrachlorophenol	15.028	232	517819	20.555	ng/ul	91
59)	Diethylphthalate	15.239	149	2131980	20.615	ng/ul	99
61)	Fluorene	15.463	166	2280264	22.453	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.463	204	1106211	22.004	ng/ul	99
63)	4-Nitroaniline	15.480	138	554814	25.722	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.533	198	361817	19.105	ng/ul	97
67)	N-Nitrosodiphenylamine	15.675	169	1862177	21.852	ng/ul	100
68)	4-Bromophenyl-phenylether	16.357	248	652531	20.713	ng/ul	98
69)	Hexachlorobenzene	16.480	284	790038	20.698	ng/ul	98
70)	Atrazine	16.639	200	679919	20.603	ng/ul	99
71)	Pentachlorophenol	16.833	266	464637	19.790	ng/ul	99
72)	Phenanthrene	17.233	178	3460423	21.945	ng/ul	100
74)	Anthracene	17.322	178	3569549	22.447	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.186	216	883325	21.603	ng/uL	100
76)	Pentachlorobenzene	14.722	250	936861	21.262	ng/uL	99
77)	Carbazole	17.598	167	3266847	23.449	ng/ul	99
78)	Di-n-butylphthalate	18.186	149	3667513	21.270	ng/ul	100
80)	Fluoranthene	19.304	202	3988626	21.551	ng/ul	100
82)	Pyrene	19.680	202	4384724	22.655	ng/ul	99
83)	Butylbenzylphthalate	20.633	149	1680258	20.160	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.521	252	1289512	19.876	ng/ul	100
85)	Benzo(a)anthracene	21.604	228	4307012	21.842	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.545	149	2449774	20.145	ng/ul	99
87)	Chrysene	21.668	228	3943438	21.704	ng/ul	99
89)	Di-n-octyl phthalate	22.833	149	3939621	22.139	ng/ul	100
90)	Benzo(b)fluoranthene	23.921	252	4006082	22.241	ng/ul	100
91)	Benzo(k)fluoranthene	23.998	252	4077236	22.580	ng/ul	99
93)	Benzo(a)pyrene	24.833	252	3750172	22.295	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	28.827	276	4696617m	21.541	ng/ul	
95)	Dibenzo(a,h)anthracene	28.886	278	3869805	21.880	ng/ul	99
96)	Benzo(g,h,i)perylene	29.991	276	3546098	21.234	ng/ul	100

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

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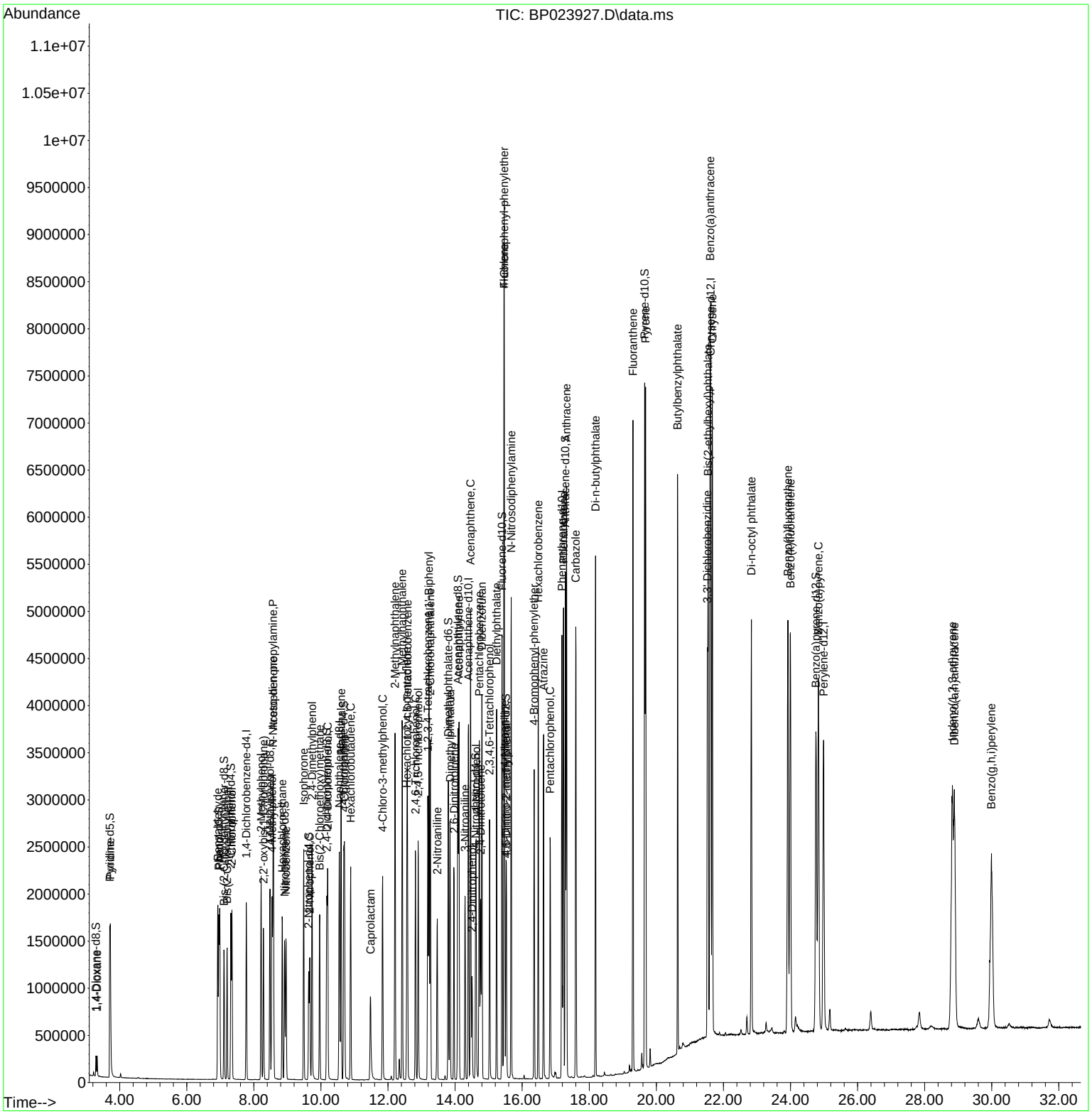
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