Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063843.D
Acq On : 26 Dec 2024 20:10
Operator : RC/JU
Sample : P5324-05MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YE5X6MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 27 02:39:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	90682	20.000	ng/ul	0.00
20) Naphthalene-d8	10.585	136	384445	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	300890	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.189	188	739675	20.000	ng/ul	0.00
79) Chrysene-d12	21.443	240	767258	20.000	ng/ul	0.00
88) Perylene-d12	24.457	264	815567	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	11182	4.832	ng/uL	0.00
4) Pyridine-d5	3.664	84	158793	21.753	ng/ul	0.00
7) Phenol-d5	6.983	99	228671	27.380	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	123305	21.376	ng/ul	0.00
11) 2-Chlorophenol-d4	7.336	132	135198	25.004	ng/ul	0.00
15) 4-Methylphenol-d8	8.517	113	164828	25.420	ng/ul	0.00
21) Nitrobenzene-d5	8.952	128	66019	24.051	ng/ul	0.00
24) 2-Nitrophenol-d4	9.674	143	88925	28.900	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.221	165	175882	29.524	ng/ul	0.00
31) 4-Chloroaniline-d4	10.726	131	214028	28.295	ng/ul	0.00
46) Dimethylphthalate-d6	13.846	166	626446	30.597	ng/ul	0.00
49) Acenaphthylene-d8	14.134	160	576375	24.695	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	86949	29.973	ng/ul	0.00
60) Fluorene-d10	15.438	176	510831	28.219	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.573	200	98134	25.553	ng/ul	0.00
73) Anthracene-d10	17.289	188	987949	31.066	ng/ul	0.00
81) Pyrene-d10	19.592	212	1041233	26.079	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.257	264	1072337	27.999	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.288	88	33860	12.364	ng/uL#	94
5) Pyridine	3.681	79	254466	32.545	ng/ul	93
6) Benzaldehyde	6.936	77	53515	10.446	ng/ul#	85
8) Phenol	7.013	94	298065	33.487	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.218	93	203227	29.842	ng/ul	93
12) 2-Chlorophenol	7.365	128	178523	32.618	ng/ul	94
13) 2-Methylphenol	8.252	108	213778	33.230	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.311	45	301210	29.793	ng/ul	98
16) Acetophenone	8.617	105	344494	31.323	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.599	70	198311	30.219	ng/ul	91
18) 4-Methylphenol	8.582	108	231633	32.898	ng/ul	96
19) Hexachloroethane	8.869	117	75761	28.172	ng/ul	96
22) Nitrobenzene	8.993	77	295732	32.263	ng/ul	98
23) Isophorone	9.516	82	564374	32.586	ng/ul	99
25) 2-Nitrophenol	9.704	139	111842	35.368	ng/ul	93
26) 2,4-Dimethylphenol	9.774	107	242811	33.838	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.997	93	305762	32.640	ng/ul#	94
29) 2,4-Dichlorophenol	10.244	162	207445	35.045	ng/ul	98
30) Naphthalene	10.632	128	621138	32.315	ng/ul	98
32) 4-Chloroaniline	10.750	127	155521	21.610	ng/ul	95
33) Hexachlorobutadiene	10.920	225	140996	29.319	ng/ul	98
34) Caprolactam	11.502	113	77128m	37.693	ng/ul	
35) 4-Chloro-3-methylphenol	11.895	107	247707	35.644	ng/ul	98
36) 2-Methylnaphthalene	12.254	142	456645	33.056	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.471	142	458660	32.595	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.624	216	279896	29.058	ng/ul	97
40)	Hexachlorocyclopentadiene	12.600	237	55520	14.581	ng/ul	97
41)	2,4,6-Trichlorophenol	12.876	196	180991	33.245	ng/ul	97
42)	2,4,5-Trichlorophenol	12.953	196	193903	34.128	ng/ul	95
43)	1,1'-Biphenyl	13.270	154	648876	32.700	ng/ul	94
44)	2-Chloronaphthalene	13.311	162	530763	33.309	ng/ul	96
45)	2-Nitroaniline	13.517	65	202861	38.007	ng/ul	95
47)	Dimethylphthalate	13.893	163	702751	34.248	ng/ul	98
48)	2,6-Dinitrotoluene	14.016	165	137830	36.168	ng/ul	97
50)	Acenaphthylene	14.157	152	840224	33.574	ng/ul	98
51)	3-Nitroaniline	14.351	138	146396	41.550	ng/ul	93
52)	Acenaphthene	14.504	153	618502	34.869	ng/ul	96
53)	2,4-Dinitrophenol	14.574	184	64443	33.090	ng/ul	91
55)	4-Nitrophenol	14.686	109	98444	32.681	ng/ul	90
56)	Dibenzofuran	14.839	168	858439	34.327	ng/ul	97
57)	2,4-Dinitrotoluene	14.815	165	218028	38.503	ng/ul#	93
58)	2,3,4,6-Tetrachlorophenol	15.080	232	165774	33.848	ng/ul#	96
59)	Diethylphthalate	15.262	149	697223	35.148	ng/ul	99
61)	Fluorene	15.491	166	701578	35.134	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.485	204	367045	32.994	ng/ul	98
63)	4-Nitroaniline	15.520	138	158391	44.903	ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.585	198	137787	34.826	ng/ul#	99
67)	N-Nitrosodiphenylamine	15.703	169	617469	34.473	ng/ul	96
68)	4-Bromophenyl-phenylether	16.378	248	244376	32.418	ng/ul	97
69)	Hexachlorobenzene	16.502	284	279203	33.058	ng/ul	99
70)	Atrazine	16.654	200	257638	34.027	ng/ul	95
71)	Pentachlorophenol	16.860	266	99696	27.997	ng/ul	97
72)	Phenanthrene	17.236	178	1279027	35.883	ng/ul	98
74)	Anthracene	17.324	178	1301611	36.078	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.235	216	289870	29.372	ng/ul	97
76)	Pentachlorobenzene	14.768	250	309364	31.642	ng/ul	99
77)	Carbazole	17.600	167	1128983	38.659	ng/ul	98
78)	Di-n-butylphthalate	18.159	149	1300669	36.879	ng/ul	99
80)	Fluoranthene	19.257	202	1526005	33.627	ng/ul	98
82)	Pyrene	19.622	202	1628524	33.730	ng/ul	96
83)	Butylbenzylphthalate	20.515	149	558062	37.654	ng/ul	100
84)	3,3'-Dichlorobenzidine	21.349	252	462094	33.363	ng/ul	96
85)	Benzo(a)anthracene	21.425	228	1615330	33.593	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.337	149	810391	37.589	ng/ul	98
87)	Chrysene	21.490	228	1510923	32.968	ng/ul	98
89)	Di-n-octyl phthalate	22.471	149	1426818	40.533	ng/ul	100
90)	Benzo(b)fluoranthene	23.511	252	1628121	35.124	ng/ul	99
91)	Benzo(k)fluoranthene	23.570	252	1576724	34.101	ng/ul	99
93)	Benzo(a)pyrene	24.322	252	1508764	34.677	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	27.865	276	1910822	35.962	ng/ul	99
95)	Dibenzo(a,h)anthracene	27.906	278	1547392	36.396	ng/ul	96
96)	Benzo(g,h,i)perylene	28.928	276	1496643	35.496	ng/ul	98

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

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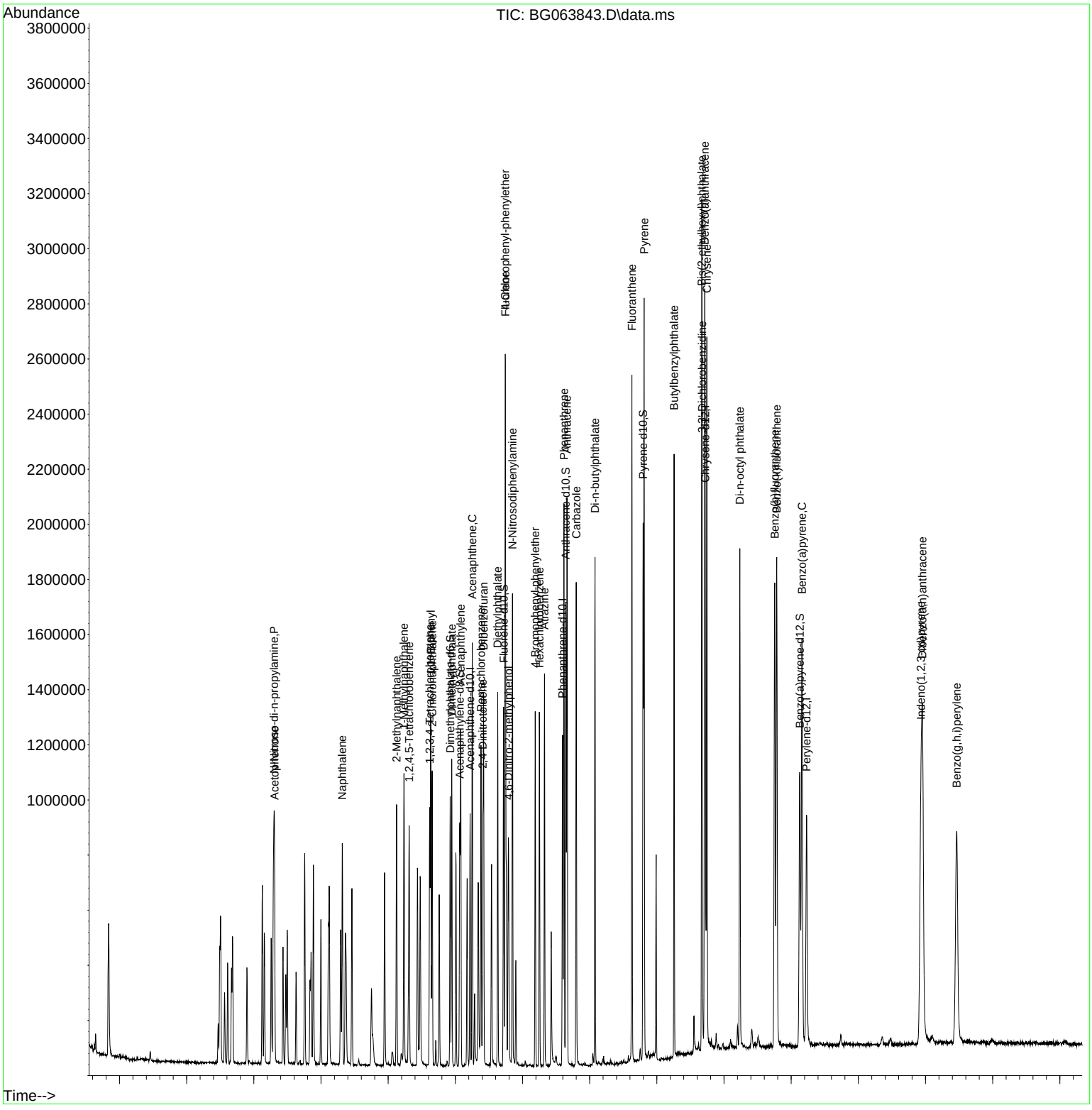
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