Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051534.D
Acq On : 15 Dec 2021 12:10
Operator : CG/JU
Sample : PB141346BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS346

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/16/2021
Supervised By :Yogesh Patel 12/23/2021

Quant Time: Dec 15 23:23:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	32984	20.000	ng/ul	# 0.00
20) Naphthalene-d8	11.118	136	132843	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.913	164	99564	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.657	188	255190	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.980	240	246180	20.000	ng/ul	# 0.00
88) Perylene-d12	25.475	264	254498	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	3700	4.659	ng/uL	0.00
4) Pyridine-d5	4.034	84	60086	25.039	ng/ul	-0.01
7) Phenol-d5	7.406	99	85834	29.145	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.582	67	47737	27.267	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.805	132	60959	29.761	ng/ul	0.00
15) 4-Methylphenol-d8	8.974	113	67509	29.655	ng/ul	0.00
21) Nitrobenzene-d5	9.450	128	29145	29.925	ng/ul	0.00
24) 2-Nitrophenol-d4	10.179	143	33718	31.669	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.725	165	72446	31.377	ng/ul	0.00
31) 4-Chloroaniline-d4	11.236	131	90925	29.911	ng/ul	0.00
46) Dimethylphthalate-d6	14.308	166	260667	32.710	ng/ul	0.00
49) Acenaphthylene-d8	14.608	160	303051	30.620	ng/ul	0.00
54) 4-Nitrophenol-d4	15.078	143	40710	31.414	ng/ul	0.00
60) Fluorene-d10	15.906	176	227462	31.859	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.000	200	37978	28.564	ng/ul	-0.01
73) Anthracene-d10	17.757	188	383377	31.493	ng/ul	0.00
81) Pyrene-d10	20.030	212	483928	32.662	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.235	264	450222	33.622	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.640	88	7661	9.242	ng/uL#	89
5) Pyridine	4.057	79	59816	24.847	ng/ul	96
6) Benzaldehyde	7.400	77	53137m	28.919	ng/ul	
8) Phenol	7.435	94	80160	27.373	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.682	93	58826	26.331	ng/ul	96
12) 2-Chlorophenol	7.835	128	57034	27.145	ng/ul	99
13) 2-Methylphenol	8.710	108	62365	28.226	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.804	45	79696	26.299	ng/ul#	95
16) Acetophenone	9.104	105	93864	26.249	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.092	70	58428	27.231	ng/ul	96
18) 4-Methylphenol	9.039	108	66085	28.378	ng/ul	91
19) Hexachloroethane	9.386	117	23393	25.517	ng/ul#	74
22) Nitrobenzene	9.491	77	81709	28.843	ng/ul	97
23) Isophorone	10.026	82	158635	27.893	ng/ul	97
25) 2-Nitrophenol	10.214	139	33565	29.493	ng/ul	93
26) 2,4-Dimethylphenol	10.261	107	76242	27.805	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.502	93	81343	26.935	ng/ul	98
29) 2,4-Dichlorophenol	10.754	162	65057	29.614	ng/ul	94
30) Naphthalene	11.165	128	194634	27.195	ng/ul	97
32) 4-Chloroaniline	11.259	127	84888	27.347	ng/ul	99
33) Hexachlorobutadiene	11.459	225	50596	27.128	ng/ul	96
34) Caprolactam	12.017	113	25895m	38.934	ng/ul	
35) 4-Chloro-3-methylphenol	12.364	107	77664	31.552	ng/ul	95
36) 2-Methylnaphthalene	12.757	142	144082	28.219	ng/ul	96

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.975	142	150835	28.451	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	13.122	216	98895	28.556	ng/ul	98
40)	Hexachlorocyclopentadiene	13.104	237	58711	23.349	ng/ul	96
41)	2,4,6-Trichlorophenol	13.351	196	67177	32.043	ng/ul	97
42)	2,4,5-Trichlorophenol	13.421	196	73157	33.296	ng/ul	97
43)	1,1'-Biphenyl	13.750	154	211661	27.753	ng/ul#	96
44)	2-Chloronaphthalene	13.797	162	166151	28.179	ng/ul	99
45)	2-Nitroaniline	13.985	65	60803	33.756	ng/ul	91
47)	Dimethylphthalate	14.355	163	237218	30.661	ng/ul	99
48)	2,6-Dinitrotoluene	14.473	165	50274	33.991	ng/ul	88
50)	Acenaphthylene	14.637	152	273720	28.267	ng/ul	99
51)	3-Nitroaniline	14.796	138	46852	33.129	ng/ul	97
52)	Acenaphthene	14.978	153	181486	28.370	ng/ul	95
53)	2,4-Dinitrophenol	15.001	184	18618	21.776	ng/ul#	66
55)	4-Nitrophenol	15.090	109	43074	30.980	ng/ul	86
56)	Dibenzofuran	15.313	168	274304	29.116	ng/ul	96
57)	2,4-Dinitrotoluene	15.254	165	73111	34.877	ng/ul#	92
58)	2,3,4,6-Tetrachlorophenol	15.530	232	72600	34.768	ng/ul#	81
59)	Diethylphthalate	15.712	149	247279	30.682	ng/ul	97
61)	Fluorene	15.959	166	227986	29.369	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.941	204	129488	29.948	ng/ul	94
63)	4-Nitroaniline	15.959	138	48663	33.550	ng/ul	88
66)	4,6-Dinitro-2-methylph...	16.018	198	34180	26.177	ng/ul#	99
67)	N-Nitrosodiphenylamine	16.153	169	208287	30.345	ng/ul	96
68)	4-Bromophenyl-phenylether	16.840	248	93031	35.797	ng/ul#	88
69)	Hexachlorobenzene	16.963	284	102282	31.319	ng/ul#	91
70)	Atrazine	17.093	200	97436	31.635	ng/ul	98
71)	Pentachlorophenol	17.304	266	55539	27.756	ng/ul	96
72)	Phenanthrene	17.704	178	396533	30.211	ng/ul	98
74)	Anthracene	17.792	178	389097	29.344	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.721	216	104725	26.675	ng/uL	99
76)	Pentachlorobenzene	15.231	250	111033	29.585	ng/uL	98
77)	Carbazole	18.056	167	368123	31.003	ng/ul	98
78)	Di-n-butylphthalate	18.608	149	429435	30.052	ng/ul	99
80)	Fluoranthene	19.701	202	528792	31.093	ng/ul#	89
82)	Pyrene	20.065	202	509591	30.278	ng/ul#	87
83)	Butylbenzylphthalate	20.940	149	183130	32.445	ng/ul#	92
84)	3,3'-Dichlorobenzidine	21.857	252	176935	30.496	ng/ul#	95
85)	Benzo(a)anthracene	21.957	228	501604	31.318	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.851	149	252309	31.913	ng/ul#	99
87)	Chrysene	22.027	228	481594	31.124	ng/ul	99
89)	Di-n-octyl phthalate	23.167	149	427256	31.169	ng/ul	100
90)	Benzo(b)fluoranthene	24.359	252	528992	31.032	ng/ul#	95
91)	Benzo(k)fluoranthene	24.430	252	496973	31.132	ng/ul#	95
93)	Benzo(a)pyrene	25.317	252	492757	30.629	ng/ul#	94
94)	Indeno(1,2,3-cd)pyrene	29.505	276	571715	32.550	ng/ul#	89
95)	Dibenzo(a,h)anthracene	29.588	278	485491	32.363	ng/ul#	92
96)	Benzo(g,h,i)perylene	30.757	276	482825m	32.439	ng/ul	

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

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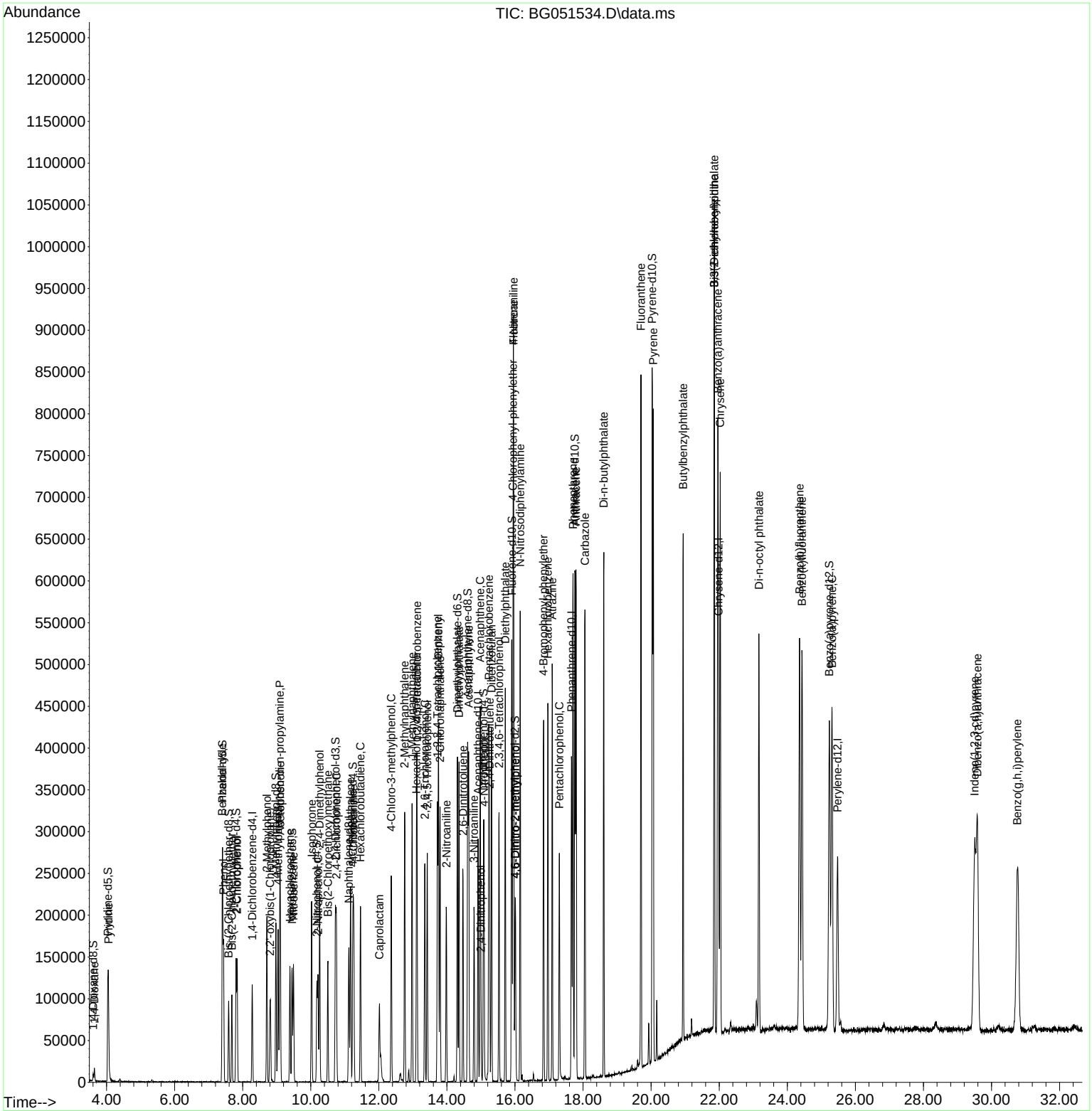
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