Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049233.D
Acq On : 9 Jul 2021 11:49
Operator : CG/JU
Sample : PB137514BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS514

Manual Integrations APPROVED
mohammad
7/12/2021 12:32:56 PM

Quant Time: Jul 09 12:31:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.079	152	28336	20.000	ng/ul	0.00
20) Naphthalene-d8	10.899	136	123476	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.724	164	87517	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.474	188	208302	20.000	ng/ul	0.00
79) Chrysene-d12	21.757	240	213379	20.000	ng/ul	0.00
88) Perylene-d12	25.053	264	200336	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.473	96	3925	6.516	ng/uL	0.00
4) Pyridine-d5	3.884	84	46224	26.097	ng/ul	0.00
7) Phenol-d5	7.227	99	86460	35.078	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.398	67	52234	36.538	ng/ul	0.00
11) 2-Chlorophenol-d4	7.603	132	66274	36.380	ng/ul	0.00
15) 4-Methylphenol-d8	8.784	113	70230	35.562	ng/ul	0.00
21) Nitrobenzene-d5	9.243	128	35145	37.092	ng/ul	0.00
24) 2-Nitrophenol-d4	9.971	143	39985	36.762	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.518	165	78238	36.864	ng/ul	0.00
31) 4-Chloroaniline-d4	11.029	131	86465	31.262	ng/ul	0.00
46) Dimethylphthalate-d6	14.125	166	259248	38.518	ng/ul	0.00
49) Acenaphthylene-d8	14.419	160	299209	37.888	ng/ul	0.00
54) 4-Nitrophenol-d4	14.912	143	41881	37.594	ng/ul	0.00
60) Fluorene-d10	15.717	176	219574	38.532	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.829	200	50483	38.129	ng/ul	0.00
73) Anthracene-d10	17.574	188	341240	35.981	ng/ul	0.00
81) Pyrene-d10	19.859	212	424011	38.770	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.830	264	441731	42.417	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.502	88	9758	13.301	ng/uL#	89
5) Pyridine	3.908	79	60251	30.663	ng/ul	96
6) Benzaldehyde	7.210	77	56533	38.125	ng/ul	93
8) Phenol	7.257	94	90110	36.556	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.492	93	62112	33.888	ng/ul#	82
12) 2-Chlorophenol	7.639	128	67163	36.526	ng/ul	94
13) 2-Methylphenol	8.514	108	66343	35.333	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.608	45	110525	37.491	ng/ul	98
16) Acetophenone	8.902	105	119158	36.783	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.884	70	61172	37.163	ng/ul	96
18) 4-Methylphenol	8.849	108	70929	36.311	ng/ul	92
19) Hexachloroethane	9.172	117	30000	36.034	ng/ul#	86
22) Nitrobenzene	9.290	77	98558	36.885	ng/ul#	96
23) Isophorone	9.812	82	173183	37.520	ng/ul	97
25) 2-Nitrophenol	10.006	139	40594	36.582	ng/ul	96
26) 2,4-Dimethylphenol	10.053	107	59253	24.115	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.294	93	92247	37.485	ng/ul	97
29) 2,4-Dichlorophenol	10.541	162	73564	37.934	ng/ul#	93
30) Naphthalene	10.946	128	224952	36.540	ng/ul	97
32) 4-Chloroaniline	11.052	127	83734	30.708	ng/ul	94
33) Hexachlorobutadiene	11.234	225	57348	34.872	ng/ul	91
34) Caprolactam	11.822	113	25615m	37.970	ng/ul	
35) 4-Chloro-3-methylphenol	12.174	107	85027	39.251	ng/ul	96
36) 2-Methylnaphthalene	12.550	142	169162	36.166	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.774	142	166841	35.868	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.915	216	106915	38.895	ng/ul#	96
40) Hexachlorocyclopentadiene	12.897	237	52984	29.024	ng/ul	96
41) 2,4,6-Trichlorophenol	13.156	196	64776	36.430	ng/ul	92
42) 2,4,5-Trichlorophenol	13.232	196	70508	37.282	ng/ul	89
43) 1,1'-Biphenyl	13.555	154	229579	38.828	ng/ul	100
44) 2-Chloronaphthalene	13.602	162	177331	38.280	ng/ul	99
45) 2-Nitroaniline	13.796	65	71528	42.115	ng/ul	95
47) Dimethylphthalate	14.172	163	253323	40.549	ng/ul	98
48) 2,6-Dinitrotoluene	14.290	165	53964	40.110	ng/ul	93
50) Acenaphthylene	14.448	152	269996	38.442	ng/ul	97
51) 3-Nitroaniline	14.624	138	47555	38.816	ng/ul	92
52) Acenaphthene	14.789	153	200481	39.305	ng/ul	98
53) 2,4-Dinitrophenol	14.830	184	34835	40.854	ng/ul	93
55) 4-Nitrophenol	14.930	109	55794	39.673	ng/ul	97
56) Dibenzofuran	15.124	168	288731	39.942	ng/ul	95
57) 2,4-Dinitrotoluene	15.083	165	78356	40.359	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.347	232	62026	34.975	ng/ul	91
59) Diethylphthalate	15.535	149	266494	39.685	ng/ul	98
61) Fluorene	15.770	166	242948	39.711	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.758	204	135291	40.226	ng/ul	96
63) 4-Nitroaniline	15.788	138	52481	43.636	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.847	198	48680	38.637	ng/ul#	93
67) N-Nitrosodiphenylamine	15.970	169	208635	39.340	ng/ul	99
68) 4-Bromophenyl-phenylether	16.657	248	93105	40.075	ng/ul	97
69) Hexachlorobenzene	16.781	284	103443	39.315	ng/ul	94
70) Atrazine	16.916	200	38882	16.019	ng/ul	96
71) Pentachlorophenol	17.122	266	49213	31.338	ng/ul	98
72) Phenanthrene	17.515	178	406347	39.995	ng/ul	96
74) Anthracene	17.609	178	385083	37.103	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.526	216	106160	37.358	ng/uL	98
76) Pentachlorobenzene	15.042	250	113580	37.677	ng/uL	98
77) Carbazole	17.874	167	360939	38.985	ng/ul	99
78) Di-n-butylphthalate	18.426	149	450990	38.932	ng/ul	99
80) Fluoranthene	19.525	202	506562	39.826	ng/ul	98
82) Pyrene	19.889	202	497850	39.283	ng/ul	99
83) Butylbenzylphthalate	20.764	149	204570	41.116	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.651	252	172462	34.593	ng/ul	98
85) Benzo(a)anthracene	21.740	228	508422	38.772	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.634	149	290270	39.999	ng/ul	96
87) Chrysene	21.804	228	487814	39.328	ng/ul	99
89) Di-n-octyl phthalate	22.874	149	495032	43.899	ng/ul	100
90) Benzo(b)fluoranthene	24.008	252	539417	43.646	ng/ul	99
91) Benzo(k)fluoranthene	24.078	252	519840	43.139	ng/ul	95
93) Benzo(a)pyrene	24.907	252	463226	42.590	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.843	276	609537	43.436	ng/ul	96
95) Dibenzo(a,h)anthracene	28.902	278	509919	43.871	ng/ul	96
96) Benzo(g,h,i)perylene	30.018	276	505450	43.565	ng/ul	95

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

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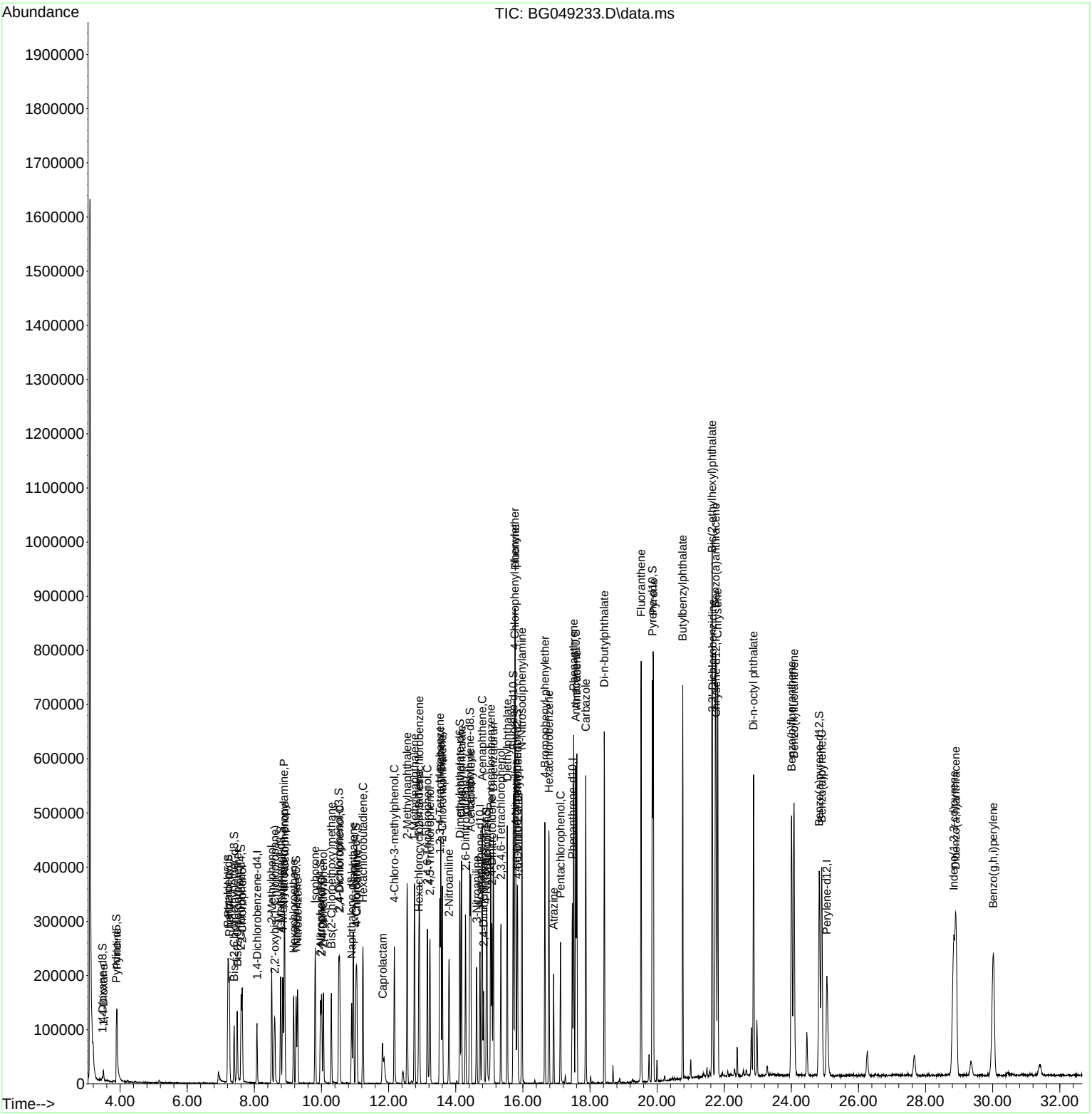
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