Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050286.D
Acq On : 28 Sep 2021 14:06
Operator : CG/JU
Sample : M3263-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 28 14:42:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 27 03:10:48 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2021-07

Manual Integrations APPROVED
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9/29/2021 12:53:16 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.288	152	35360	20.000	ng/ul	0.00
20) Naphthalene-d8	11.114	136	142329	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.904	164	98326	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.648	188	230559	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.949	240	269021	20.000	ng/ul	# 0.00
88) Perylene-d12	25.392	264	274532	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.653	96	4654	6.365	ng/uL	0.00
4) Pyridine-d5	4.081	84	54329	24.653	ng/ul	-0.01
7) Phenol-d5	7.419	99	85498	30.453	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.601	67	54500	33.445	ng/ul	0.00
11) 2-Chlorophenol-d4	7.812	132	61524	30.150	ng/ul	0.00
15) 4-Methylphenol-d8	8.976	113	63687	28.796	ng/ul	0.00
21) Nitrobenzene-d5	9.458	128	30104	34.238	ng/ul	0.00
24) 2-Nitrophenol-d4	10.180	143	31910	32.858	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.721	165	61676	27.225	ng/ul	0.00
31) 4-Chloroaniline-d4	11.238	131	84285	28.321	ng/ul	0.00
46) Dimethylphthalate-d6	14.299	166	192927	28.870	ng/ul	0.00
49) Acenaphthylene-d8	14.599	160	227102	27.035	ng/ul	0.00
54) 4-Nitrophenol-d4	15.063	143	33990	30.146	ng/ul	0.00
60) Fluorene-d10	15.891	176	176293	28.814	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.991	200	29432	30.132	ng/ul	0.00
73) Anthracene-d10	17.748	188	280443	28.558	ng/ul	0.00
81) Pyrene-d10	20.016	212	357327	24.533	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.151	264	418840	29.924	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.694	88	1102	1.195	ng/uL#	80
5) Pyridine	4.105	79	10953	4.793	ng/ul#	52
6) Benzaldehyde	7.425	77	9251	5.191	ng/ul	82
8) Phenol	7.448	94	11540	4.058	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.695	93	9974	4.719	ng/ul#	93
12) 2-Chlorophenol	7.848	128	8533	3.968	ng/ul#	82
13) 2-Methylphenol	8.717	108	9027	4.068	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.811	45	13498	4.827	ng/ul#	91
16) Acetophenone	9.117	105	14118	4.179	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.093	70	8066	4.200	ng/ul	97
18) 4-Methylphenol	9.040	108	9399	4.159	ng/ul	81
19) Hexachloroethane	9.381	117	3864	4.187	ng/ul	86
22) Nitrobenzene	9.499	77	12736	5.049	ng/ul#	94
23) Isophorone	10.027	82	20258	3.807	ng/ul	97
25) 2-Nitrophenol	10.210	139	4606	4.541	ng/ul#	75
26) 2,4-Dimethylphenol	10.257	107	10034	3.700	ng/ul#	84
27) Bis(2-Chloroethoxy)met...	10.503	93	12084	4.160	ng/ul	98
29) 2,4-Dichlorophenol	10.744	162	8242	3.776	ng/ul#	91
30) Naphthalene	11.167	128	29840	4.087	ng/ul	96
32) 4-Chloroaniline	11.267	127	11929	4.014	ng/ul	90
33) Hexachlorobutadiene	11.443	225	6884	3.802	ng/ul	93
34) Caprolactam	12.054	113	3399m	4.938	ng/ul	
35) 4-Chloro-3-methylphenol	12.354	107	8789	3.713	ng/ul	86
36) 2-Methylnaphthalene	12.748	142	20757	4.106	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.965	142	21088	4.131	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.106	216	12806	4.137	ng/ul	90
40) Hexachlorocyclopentadiene	13.089	237	8696	4.072	ng/ul	94
41) 2,4,6-Trichlorophenol	13.341	196	7512	4.115	ng/ul	94
42) 2,4,5-Trichlorophenol	13.406	196	8036	4.092	ng/ul	95
43) 1,1'-Biphenyl	13.741	154	27873	4.179	ng/ul#	97
44) 2-Chloronaphthalene	13.788	162	21648	4.102	ng/ul	95
45) 2-Nitroaniline	13.982	65	5252	4.180	ng/ul	95
47) Dimethylphthalate	14.346	163	27225	4.044	ng/ul	99
48) 2,6-Dinitrotoluene	14.463	165	4830	4.533	ng/ul#	80
50) Acenaphthylene	14.628	152	32665	3.849	ng/ul	99
51) 3-Nitroaniline	14.792	138	4732	3.972	ng/ul#	86
52) Acenaphthene	14.969	153	22846	4.112	ng/ul	98
53) 2,4-Dinitrophenol	14.998	184	3708	5.496	ng/ul#	69
55) 4-Nitrophenol	15.074	109	4483	3.869	ng/ul#	60
56) Dibenzofuran	15.298	168	33255	4.000	ng/ul	97
57) 2,4-Dinitrotoluene	15.245	165	6404	4.241	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.515	232	6502	3.680	ng/ul#	90
59) Diethylphthalate	15.697	149	27103	3.916	ng/ul	94
61) Fluorene	15.944	166	25864	3.970	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.932	204	14894	4.062	ng/ul	93
63) 4-Nitroaniline	15.950	138	5228	4.263	ng/ul#	67
66) 4,6-Dinitro-2-methylph...	16.009	198	4010	4.086	ng/ul#	99
67) N-Nitrosodiphenylamine	16.144	169	22203	3.808	ng/ul	97
68) 4-Bromophenyl-phenylether	16.825	248	8913	3.728	ng/ul	98
69) Hexachlorobenzene	16.943	284	10336	3.902	ng/ul#	91
70) Atrazine	17.084	200	11023	4.285	ng/ul	96
71) Pentachlorophenol	17.284	266	8284	4.901	ng/ul	92
72) Phenanthrene	17.689	178	46375	4.053	ng/ul	99
74) Anthracene	17.783	178	44667	3.919	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.705	216	11948	3.645	ng/uL	90
76) Pentachlorobenzene	15.215	250	11583	3.665	ng/uL	93
77) Carbazole	18.042	167	39780	3.945	ng/ul	99
78) Di-n-butylphthalate	18.588	149	47176	4.058	ng/ul#	95
80) Fluoranthene	19.681	202	61179	3.313	ng/ul#	91
82) Pyrene	20.045	202	62251	3.428	ng/ul#	91
83) Butylbenzylphthalate	20.921	149	21194	3.465	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.837	252	23558	4.089	ng/ul#	96
85) Benzo(a)anthracene	21.931	228	62288	3.845	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.820	149	32553	3.728	ng/ul	99
87) Chrysene	22.002	228	61840	3.937	ng/ul	95
89) Di-n-octyl phthalate	23.118	149	53868	4.003	ng/ul	100
90) Benzo(b)fluoranthene	24.293	252	64073	3.987	ng/ul#	94
91) Benzo(k)fluoranthene	24.364	252	62964m	4.173	ng/ul	
93) Benzo(a)pyrene	25.227	252	56775	3.720	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.340	276	71629m	4.016	ng/ul	
95) Dibenzo(a,h)anthracene	29.405	278	59952m	3.900	ng/ul	
96) Benzo(g,h,i)perylene	30.568	276	58163	3.811	ng/ul	95

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

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