Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050317.D
Acq On : 29 Sep 2021 18:16
Operator : CG/JU
Sample : M3263-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 29 18:52:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 29 10:57:11 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT4-2021-08

Manual Integrations APPROVED
mohammad
9/30/2021 11:30:16 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.282	152	45461	20.000	ng/ul	0.00
20) Naphthalene-d8	11.103	136	187713	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.898	164	134483	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.642	188	306517	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.943	240	314122	20.000	ng/ul	# 0.00
88) Perylene-d12	25.374	264	320225	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.658	96	5289	5.626	ng/uL	0.00
4) Pyridine-d5	4.081	84	57677	20.357	ng/ul	0.00
7) Phenol-d5	7.413	99	98367	27.252	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.595	67	66194	31.596	ng/ul	0.00
11) 2-Chlorophenol-d4	7.806	132	71830	27.379	ng/ul	0.00
15) 4-Methylphenol-d8	8.970	113	77230	27.161	ng/ul	0.00
21) Nitrobenzene-d5	9.452	128	35491	30.606	ng/ul	0.00
24) 2-Nitrophenol-d4	10.174	143	37664	29.406	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.709	165	72984	24.427	ng/ul	0.00
31) 4-Chloroaniline-d4	11.232	131	100238	25.538	ng/ul	0.00
46) Dimethylphthalate-d6	14.293	166	241586	26.431	ng/ul	0.00
49) Acenaphthylene-d8	14.593	160	280091	24.378	ng/ul	0.00
54) 4-Nitrophenol-d4	15.057	143	43791	28.397	ng/ul	0.00
60) Fluorene-d10	15.885	176	217384	25.977	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.985	200	38599	29.724	ng/ul	0.00
73) Anthracene-d10	17.736	188	341434	26.153	ng/ul	0.00
81) Pyrene-d10	20.010	212	400539	23.551	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.139	264	431799	26.448	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.694	88	1941m	1.637	ng/uL	
5) Pyridine	4.105	79	12522	4.262	ng/ul#	75
6) Benzaldehyde	7.413	77	9750	4.256	ng/ul	95
8) Phenol	7.436	94	13355	3.652	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.689	93	9997	3.679	ng/ul	88
12) 2-Chlorophenol	7.842	128	9398	3.399	ng/ul#	74
13) 2-Methylphenol	8.705	108	9643	3.380	ng/ul#	79
14) 2,2'-oxybis(1-Chloropr...	8.805	45	14645	4.074	ng/ul#	92
16) Acetophenone	9.111	105	15810	3.640	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.081	70	8836	3.578	ng/ul#	96
18) 4-Methylphenol	9.034	108	10659	3.668	ng/ul	93
19) Hexachloroethane	9.375	117	4209	3.548	ng/ul#	84
22) Nitrobenzene	9.493	77	13354	4.014	ng/ul#	87
23) Isophorone	10.016	82	24080	3.432	ng/ul#	96
25) 2-Nitrophenol	10.204	139	5148	3.848	ng/ul#	89
26) 2,4-Dimethylphenol	10.251	107	11756	3.286	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.492	93	13209	3.448	ng/ul	99
29) 2,4-Dichlorophenol	10.738	162	9119	3.168	ng/ul#	81
30) Naphthalene	11.155	128	32837	3.411	ng/ul	98
32) 4-Chloroaniline	11.255	127	13261	3.383	ng/ul	93
33) Hexachlorobutadiene	11.432	225	6585	2.757	ng/ul	97
34) Caprolactam	12.043	113	4697	5.174	ng/ul	84
35) 4-Chloro-3-methylphenol	12.342	107	10651	3.411	ng/ul	91
36) 2-Methylnaphthalene	12.742	142	22017	3.302	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.959	142	22796	3.386	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.100	216	13563	3.203	ng/ul#	92
40) Hexachlorocyclopentadiene	13.077	237	15791	5.407	ng/ul#	87
41) 2,4,6-Trichlorophenol	13.329	196	8105	3.246	ng/ul	96
42) 2,4,5-Trichlorophenol	13.400	196	8721	3.247	ng/ul	87
43) 1,1'-Biphenyl	13.735	154	30780	3.374	ng/ul#	96
44) 2-Chloronaphthalene	13.776	162	24762	3.430	ng/ul	93
45) 2-Nitroaniline	13.976	65	7182	4.179	ng/ul	86
47) Dimethylphthalate	14.340	163	31409	3.411	ng/ul#	95
48) 2,6-Dinitrotoluene	14.458	165	6151	4.220	ng/ul#	84
50) Acenaphthylene	14.622	152	39014	3.361	ng/ul	95
51) 3-Nitroaniline	14.787	138	5804	3.562	ng/ul#	91
52) Acenaphthene	14.957	153	26616	3.502	ng/ul	97
53) 2,4-Dinitrophenol	14.992	184	4877	5.285	ng/ul#	65
55) 4-Nitrophenol	15.074	109	5352	3.377	ng/ul#	74
56) Dibenzofuran	15.292	168	39144	3.442	ng/ul	96
57) 2,4-Dinitrotoluene	15.239	165	8307	4.022	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.509	232	7587	3.139	ng/ul#	91
59) Diethylphthalate	15.691	149	31385	3.316	ng/ul	98
61) Fluorene	15.938	166	30057	3.374	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.926	204	16881	3.366	ng/ul#	86
63) 4-Nitroaniline	15.944	138	6044	3.603	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.997	198	5070	3.886	ng/ul#	82
67) N-Nitrosodiphenylamine	16.138	169	26105	3.368	ng/ul	96
68) 4-Bromophenyl-phenylether	16.819	248	10379	3.266	ng/ul	91
69) Hexachlorobenzene	16.937	284	11797	3.350	ng/ul	96
70) Atrazine	17.078	200	13075	3.823	ng/ul	98
71) Pentachlorophenol	17.278	266	9401	4.184	ng/ul	98
72) Phenanthrene	17.683	178	52948	3.481	ng/ul	96
74) Anthracene	17.771	178	52440	3.461	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.705	216	13995	3.212	ng/uL	94
76) Pentachlorobenzene	15.210	250	14160	3.370	ng/uL#	83
77) Carbazole	18.036	167	47445	3.540	ng/ul	97
78) Di-n-butylphthalate	18.582	149	51078	3.305	ng/ul	96
80) Fluoranthene	19.675	202	65806	3.052	ng/ul#	88
82) Pyrene	20.039	202	66289	3.126	ng/ul#	93
83) Butylbenzylphthalate	20.915	149	22244	3.114	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.831	252	21064	3.131	ng/ul#	93
85) Benzo(a)anthracene	21.919	228	65904	3.484	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.814	149	32986	3.235	ng/ul	96
87) Chrysene	21.990	228	62326	3.399	ng/ul	97
89) Di-n-octyl phthalate	23.100	149	55924	3.563	ng/ul	100
90) Benzo(b)fluoranthene	24.275	252	62992	3.361	ng/ul#	95
91) Benzo(k)fluoranthene	24.346	252	60342	3.428	ng/ul#	98
93) Benzo(a)pyrene	25.215	252	56894	3.196	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	29.305	276	70817	3.404	ng/ul#	96
95) Dibenzo(a,h)anthracene	29.375	278	59753	3.332	ng/ul#	91
96) Benzo(g,h,i)perylene	30.539	276	58869	3.307	ng/ul#	92

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

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