Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049340.D
Acq On : 14 Jul 2021 22:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020213

Manual Integrations APPROVED
mohammad
7/15/2021 11:32:27 AM

Quant Time: Jul 15 02:14:59 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	8.067	152	29626	20.000	ng/ul	#-0.01
20) Naphthalene-d8	10.887	136	125557	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.712	164	89634	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.462	188	209571	20.000	ng/ul	0.00
79) Chrysene-d12	21.745	240	199739	20.000	ng/ul	0.00
88) Perylene-d12	25.029	264	214383	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.455	96	5464m	8.676	ng/uL	-0.01
4) Pyridine-d5	3.878	84	33855	18.281	ng/ul	0.00
7) Phenol-d5	7.221	99	53141	20.621	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.380	67	30356	20.310	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.597	132	40558	21.294	ng/ul	0.00
15) 4-Methylphenol-d8	8.772	113	43300	20.971	ng/ul	0.00
21) Nitrobenzene-d5	9.236	128	20958	21.752	ng/ul	0.00
24) 2-Nitrophenol-d4	9.959	143	23295	21.062	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.505	165	48707	22.569	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	55815	19.846	ng/ul	0.00
46) Dimethylphthalate-d6	14.113	166	141190	20.482	ng/ul	0.00
49) Acenaphthylene-d8	14.407	160	167648	20.728	ng/ul	0.00
54) 4-Nitrophenol-d4	14.912	143	20136	17.648	ng/ul	0.00
60) Fluorene-d10	15.705	176	120817	20.701	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.817	200	20870	15.667	ng/ul	0.00
73) Anthracene-d10	17.562	188	194708	20.406	ng/ul	0.00
81) Pyrene-d10	19.847	212	219479	21.439	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.800	264	225121	20.201	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.496	88	5790m	7.549	ng/uL	
5) Pyridine	3.895	79	39827	19.386	ng/ul	98
6) Benzaldehyde	7.197	77	38005m	24.514	ng/ul	
8) Phenol	7.250	94	52616	20.416	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.479	93	37800	19.726	ng/ul#	87
12) 2-Chlorophenol	7.626	128	40036	20.825	ng/ul	97
13) 2-Methylphenol	8.508	108	40569	20.666	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.596	45	64519	20.933	ng/ul#	93
16) Acetophenone	8.890	105	68258	20.153	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.872	70	37105	21.560	ng/ul	92
18) 4-Methylphenol	8.837	108	43782	21.438	ng/ul	97
19) Hexachloroethane	9.154	117	17632	20.256	ng/ul	95
22) Nitrobenzene	9.277	77	57014	20.983	ng/ul#	98
23) Isophorone	9.800	82	95020	20.245	ng/ul#	97
25) 2-Nitrophenol	9.994	139	23143	20.510	ng/ul	94
26) 2,4-Dimethylphenol	10.047	107	54158	21.676	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.282	93	51365	20.527	ng/ul#	94
29) 2,4-Dichlorophenol	10.529	162	43545	22.083	ng/ul	95
30) Naphthalene	10.934	128	131215	20.961	ng/ul	97
32) 4-Chloroaniline	11.040	127	55738	20.102	ng/ul	100
33) Hexachlorobutadiene	11.216	225	35409	21.175	ng/ul	94
34) Caprolactam	11.804	113	12835m	18.710	ng/ul	
35) 4-Chloro-3-methylphenol	12.162	107	48081	21.828	ng/ul	94
36) 2-Methylnaphthalene	12.538	142	99561	20.933	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.756	142	98096	20.740	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.908	216	59743	21.221	ng/ul#	95
40) Hexachlorocyclopentadiene	12.885	237	32143	17.191	ng/ul	95
41) 2,4,6-Trichlorophenol	13.143	196	39638	21.766	ng/ul	98
42) 2,4,5-Trichlorophenol	13.220	196	43247	22.327	ng/ul	95
43) 1,1'-Biphenyl	13.543	154	128797	21.269	ng/ul	97
44) 2-Chloronaphthalene	13.590	162	99768	21.028	ng/ul	99
45) 2-Nitroaniline	13.790	65	38325	22.032	ng/ul	92
47) Dimethylphthalate	14.160	163	135464	21.172	ng/ul	99
48) 2,6-Dinitrotoluene	14.277	165	28488	20.674	ng/ul	89
50) Acenaphthylene	14.436	152	151890	21.115	ng/ul	97
51) 3-Nitroaniline	14.612	138	25774	20.541	ng/ul	84
52) Acenaphthene	14.777	153	109373	20.936	ng/ul	99
53) 2,4-Dinitrophenol	14.818	184	13228	15.147	ng/ul#	81
55) 4-Nitrophenol	14.924	109	28065	19.485	ng/ul	91
56) Dibenzofuran	15.112	168	155560	21.012	ng/ul	91
57) 2,4-Dinitrotoluene	15.065	165	39055	19.641	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.335	232	35618	19.610	ng/ul	96
59) Diethylphthalate	15.523	149	139649	20.305	ng/ul	100
61) Fluorene	15.758	166	127958	20.421	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.746	204	70938	20.594	ng/ul	99
63) 4-Nitroaniline	15.776	138	25660	20.831	ng/ul#	72
66) 4,6-Dinitro-2-methylph...	15.834	198	20282	16.000	ng/ul#	87
67) N-Nitrosodiphenylamine	15.964	169	110077	20.630	ng/ul	94
68) 4-Bromophenyl-phenylether	16.645	248	49000	20.963	ng/ul	95
69) Hexachlorobenzene	16.769	284	53209	20.100	ng/ul	95
70) Atrazine	16.910	200	48442	19.837	ng/ul	98
71) Pentachlorophenol	17.109	266	39348	24.905	ng/ul#	91
72) Phenanthrene	17.503	178	207480	20.298	ng/ul	99
74) Anthracene	17.597	178	208060	19.926	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.508	216	60888	21.297	ng/uL	91
76) Pentachlorobenzene	15.029	250	64118	21.140	ng/uL	98
77) Carbazole	17.861	167	184538	19.811	ng/ul	96
78) Di-n-butylphthalate	18.414	149	225726	19.368	ng/ul	99
80) Fluoranthene	19.512	202	259258	21.775	ng/ul	99
82) Pyrene	19.877	202	255434	21.532	ng/ul	99
83) Butylbenzylphthalate	20.752	149	98687	21.189	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.633	252	96104	20.593	ng/ul	99
85) Benzo(a)anthracene	21.722	228	251285	20.472	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.622	149	141151	20.779	ng/ul	99
87) Chrysene	21.792	228	242823	20.914	ng/ul	100
89) Di-n-octyl phthalate	22.856	149	235417	19.509	ng/ul	100
90) Benzo(b)fluoranthene	23.984	252	269902	20.408	ng/ul	99
91) Benzo(k)fluoranthene	24.054	252	257733	19.987	ng/ul	96
93) Benzo(a)pyrene	24.883	252	239616	20.587	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.790	276	301456m	20.074	ng/ul	
95) Dibenzo(a,h)anthracene	28.849	278	253004m	20.341	ng/ul	
96) Benzo(g,h,i)perylene	29.959	276	252452	20.333	ng/ul	95

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

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