Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
Data File : BG059595.D
Acq On : 2 Nov 2023 4:10
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020469

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

Quant Time: Nov 02 04:47:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.355	152	88396	20.000	ng/ul	0.00
20) Naphthalene-d8	11.205	136	586593	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.982	164	382658	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.732	188	820569	20.000	ng/ul	-0.01
79) Chrysene-d12	22.068	240	621011	20.000	ng/ul	-0.01
88) Perylene-d12	25.670	264	690854	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.655	96	14560	6.163	ng/uL	0.00
4) Pyridine-d5	4.089	84	111312	16.860	ng/ul	0.00
7) Phenol-d5	7.468	99	168810	18.584	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.673	67	73278	17.563	ng/ul	0.00
11) 2-Chlorophenol-d4	7.873	132	130530	17.713	ng/ul	0.00
15) 4-Methylphenol-d8	9.042	113	142646	19.794	ng/ul	0.00
21) Nitrobenzene-d5	9.554	128	68233	16.359	ng/ul	0.00
24) 2-Nitrophenol-d4	10.276	143	108229	25.277	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.799	165	200199	21.222	ng/ul	0.00
31) 4-Chloroaniline-d4	11.346	131	303721	19.558	ng/ul	0.00
46) Dimethylphthalate-d6	14.377	166	626506	18.072	ng/ul	-0.01
49) Acenaphthylene-d8	14.689	160	780614	19.187	ng/ul	0.00
54) 4-Nitrophenol-d4	15.153	143	125233	21.065	ng/ul	0.00
60) Fluorene-d10	15.970	176	574854	19.403	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	16.075	200	96133	24.739	ng/ul	0.00
73) Anthracene-d10	17.832	188	859233	19.328	ng/ul	-0.01
81) Pyrene-d10	20.106	212	850999	19.715	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.423	264	771264	18.959	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.690	88	13919	5.264	ng/uL#	84
5) Pyridine	4.107	79	109502	16.815	ng/ul#	84
6) Benzaldehyde	7.497	77	81605	19.945	ng/ul	92
8) Phenol	7.497	94	157490	18.391	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.767	93	110171	17.543	ng/ul	95
12) 2-Chlorophenol	7.902	128	137174	18.776	ng/ul	92
13) 2-Methylphenol	8.778	108	134961	18.905	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.866	45	91946	15.558	ng/ul#	88
16) Acetophenone	9.201	105	213108	18.759	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.160	70	91151	17.029	ng/ul#	91
18) 4-Methylphenol	9.107	108	145552	19.162	ng/ul	90
19) Hexachloroethane	9.442	117	54849	18.903	ng/ul	93
22) Nitrobenzene	9.601	77	143779	15.971	ng/ul	98
23) Isophorone	10.106	82	399700	17.630	ng/ul#	90
25) 2-Nitrophenol	10.306	139	112797	24.495	ng/ul#	88
26) 2,4-Dimethylphenol	10.329	107	237279	19.590	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.588	93	220496	17.467	ng/ul	92
29) 2,4-Dichlorophenol	10.829	162	199875	21.900	ng/ul#	93
30) Naphthalene	11.257	128	693017	18.955	ng/ul#	95
32) 4-Chloroaniline	11.369	127	290273	19.678	ng/ul#	82
33) Hexachlorobutadiene	11.487	225	99442	18.162	ng/ul	88
34) Caprolactam	12.150	113	66053	19.783	ng/ul	87
35) 4-Chloro-3-methylphenol	12.438	107	232984	21.395	ng/ul	99
36) 2-Methylnaphthalene	12.832	142	494856	19.674	ng/ul	97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	13.049	142	493985	19.718	ng/ul#	96
39)	1,2,4,5-Tetrachloroben...	13.173	216	211527	19.165	ng/ul	95
40)	Hexachlorocyclopentadiene	13.126	237	112841	17.539	ng/ul	94
41)	2,4,6-Trichlorophenol	13.414	196	156297	20.451	ng/ul	90
42)	2,4,5-Trichlorophenol	13.484	196	173271	20.942	ng/ul	99
43)	1,1'-Biphenyl	13.825	154	643763	18.597	ng/ul#	91
44)	2-Chloronaphthalene	13.878	162	502310	18.670	ng/ul	95
45)	2-Nitroaniline	14.089	65	136175	27.202	ng/ul	92
47)	Dimethylphthalate	14.424	163	627690	18.326	ng/ul#	96
48)	2,6-Dinitrotoluene	14.565	165	125453	24.281	ng/ul#	61
50)	Acenaphthylene	14.718	152	898070	19.158	ng/ul	98
51)	3-Nitroaniline	14.906	138	161827	25.128	ng/ul#	88
52)	Acenaphthene	15.047	153	576930	18.881	ng/ul	96
53)	2,4-Dinitrophenol	15.100	184	64495	21.969	ng/ul#	70
55)	4-Nitrophenol	15.170	109	157999	24.116	ng/ul	92
56)	Dibenzofuran	15.382	168	778961	19.663	ng/ul	99
57)	2,4-Dinitrotoluene	15.341	165	184385	25.370	ng/ul	89
58)	2,3,4,6-Tetrachlorophenol	15.588	232	144491	22.250	ng/ul#	91
59)	Diethylphthalate	15.770	149	689401	18.451	ng/ul#	97
61)	Fluorene	16.028	166	651826	19.060	ng/ul#	95
62)	4-Chlorophenyl-phenyle...	16.011	204	284462	19.463	ng/ul	95
63)	4-Nitroaniline	16.064	138	167742m	24.543	ng/ul	
66)	4,6-Dinitro-2-methylph...	16.093	198	101378	24.754	ng/ul#	72
67)	N-Nitrosodiphenylamine	16.228	169	552805	19.716	ng/ul	97
68)	4-Bromophenyl-phenylether	16.910	248	174023	21.193	ng/ul	87
69)	Hexachlorobenzene	16.998	284	199625	21.036	ng/ul	94
70)	Atrazine	17.162	200	178300	20.522	ng/ul#	93
71)	Pentachlorophenol	17.350	266	116506	21.490	ng/ul#	90
72)	Phenanthrene	17.779	178	1016431	19.054	ng/ul	100
74)	Anthracene	17.867	178	1037372	19.260	ng/ul	95
75)	1,2,3,4-Tetrachloroben...	13.778	216	222451	20.357	ng/uL	87
76)	Pentachlorobenzene	15.270	250	218267	21.049	ng/uL	94
77)	Carbazole	18.143	167	942505	20.369	ng/ul	94
78)	Di-n-butylphthalate	18.655	149	1177689	18.524	ng/ul	100
80)	Fluoranthene	19.771	202	1055518	20.060	ng/ul	97
82)	Pyrene	20.135	202	1073395	19.639	ng/ul#	95
83)	Butylbenzylphthalate	20.999	149	511857	20.737	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.957	252	354119	21.928	ng/ul	92
85)	Benzo(a)anthracene	22.051	228	963159	18.847	ng/ul	97
86)	Bis(2-ethylhexyl)phtha...	21.886	149	722899	19.627	ng/ul#	99
87)	Chrysene	22.121	228	898085m	18.891	ng/ul	
89)	Di-n-octyl phthalate	23.237	149	1208334	19.977	ng/ul	100
90)	Benzo(b)fluoranthene	24.512	252	961376	19.198	ng/ul	97
91)	Benzo(k)fluoranthene	24.583	252	927853	18.549	ng/ul	99
93)	Benzo(a)pyrene	25.505	252	878021	18.551	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	29.871	276	1134221m	18.906	ng/ul	
95)	Dibenzo(a,h)anthracene	29.947	278	906816	18.302	ng/ul	96
96)	Benzo(g,h,i)perylene	31.193	276	872815	17.776	ng/ul	95

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

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