Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061933.D
Acq On : 6 Jul 2024 17:26
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020558

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024

Quant Time: Jul 08 06:19:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.095	152	37694	20.000	ng/ul	0.00
20) Naphthalene-d8	10.909	136	192147	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	147062	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.460	188	341079m	20.000	ng/ul	0.00
79) Chrysene-d12	21.720	240	306941	20.000	ng/ul	0.00
88) Perylene-d12	24.963	264	362422	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.482	96	7098m	7.076	ng/uL	0.00
4) Pyridine-d5	3.905	84	50776	16.463	ng/ul	0.00
7) Phenol-d5	7.249	99	81042	19.646	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.419	67	49208	18.837	ng/ul	0.00
11) 2-Chlorophenol-d4	7.625	132	58989	20.847	ng/ul	0.00
15) 4-Methylphenol-d8	8.800	113	66056	20.338	ng/ul	0.00
21) Nitrobenzene-d5	9.258	128	31318	21.431	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	36102	21.633	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.527	165	74473	23.136	ng/ul	0.00
31) 4-Chloroaniline-d4	11.038	131	96011	20.545	ng/ul	0.00
46) Dimethylphthalate-d6	14.117	166	236850	19.590	ng/ul	0.00
49) Acenaphthylene-d8	14.417	160	261445	20.680	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	39195	20.300	ng/ul	0.00
60) Fluorene-d10	15.709	176	205930	20.232	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.821	200	39327m	21.955	ng/ul	0.00
73) Anthracene-d10	17.560	188	323112	20.290	ng/ul	0.00
81) Pyrene-d10	19.834	212	355049	19.666	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.740	264	368584	20.506	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.518	88	9184m	8.295	ng/uL	
5) Pyridine	3.923	79	53115	16.792	ng/ul	96
6) Benzaldehyde	7.231	77	47225	21.631	ng/ul	87
8) Phenol	7.272	94	81914	19.395	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.513	93	59877	18.455	ng/ul	95
12) 2-Chlorophenol	7.660	128	58844	20.412	ng/ul	93
13) 2-Methylphenol	8.535	108	61152	20.287	ng/ul	84
14) 2,2'-oxybis(1-Chloropr...	8.618	45	129325	18.245	ng/ul#	97
16) Acetophenone	8.917	105	106637	19.876	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.900	70	56410	18.781	ng/ul	99
18) 4-Methylphenol	8.864	108	69493	20.586	ng/ul	96
19) Hexachloroethane	9.182	117	26291	21.023	ng/ul#	83
22) Nitrobenzene	9.305	77	88923	21.437	ng/ul#	97
23) Isophorone	9.822	82	173165	18.478	ng/ul#	97
25) 2-Nitrophenol	10.016	139	35857	21.069	ng/ul	97
26) 2,4-Dimethylphenol	10.069	107	84811	20.822	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.304	93	94497	18.310	ng/ul	93
29) 2,4-Dichlorophenol	10.551	162	64031	21.177	ng/ul	95
30) Naphthalene	10.962	128	214656	20.338	ng/ul	96
32) 4-Chloroaniline	11.068	127	91588	19.973	ng/ul	96
33) Hexachlorobutadiene	11.232	225	50276	22.096	ng/ul	92
34) Caprolactam	11.820	113	24389m	20.588	ng/ul	
35) 4-Chloro-3-methylphenol	12.178	107	87841	21.813	ng/ul	96
36) 2-Methylnaphthalene	12.554	142	160326	20.967	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.771	142	171405	21.570	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.918	216	95481	21.620	ng/ul	97
40) Hexachlorocyclopentadiene	12.889	237	39567	13.459	ng/ul#	90
41) 2,4,6-Trichlorophenol	13.153	196	62543	21.322	ng/ul	93
42) 2,4,5-Trichlorophenol	13.230	196	65918	20.457	ng/ul	89
43) 1,1'-Biphenyl	13.553	154	219373	19.360	ng/ul	97
44) 2-Chloronaphthalene	13.600	162	168446	19.808	ng/ul	97
45) 2-Nitroaniline	13.800	65	72486	21.285	ng/ul	97
47) Dimethylphthalate	14.164	163	220844	18.990	ng/ul	99
48) 2,6-Dinitrotoluene	14.293	165	49821	22.583	ng/ul	90
50) Acenaphthylene	14.446	152	272456	19.636	ng/ul	99
51) 3-Nitroaniline	14.622	138	46566	21.684	ng/ul	90
52) Acenaphthene	14.781	153	192832	20.126	ng/ul	95
53) 2,4-Dinitrophenol	14.828	184	22146	19.214	ng/ul	92
55) 4-Nitrophenol	14.928	109	50170	22.767	ng/ul#	86
56) Dibenzofuran	15.116	168	268787	19.849	ng/ul	88
57) 2,4-Dinitrotoluene	15.075	165	73524	22.725	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.333	232	60395	20.757	ng/ul#	94
59) Diethylphthalate	15.521	149	241675	19.285	ng/ul	93
61) Fluorene	15.762	166	229825	19.957	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.750	204	113938	19.697	ng/ul	90
63) 4-Nitroaniline	15.780	138	46574	21.374	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.833	198	42387m	21.987	ng/ul	
67) N-Nitrosodiphenylamine	15.968	169	186882	20.063	ng/ul	96
68) 4-Bromophenyl-phenylether	16.643	248	82547	21.333	ng/ul	95
69) Hexachlorobenzene	16.761	284	98677	22.177	ng/ul	95
70) Atrazine	16.908	200	79788	21.699	ng/ul	99
71) Pentachlorophenol	17.108	266	47080m	19.250	ng/ul	
72) Phenanthrene	17.501	178	367085m	20.411	ng/ul	
74) Anthracene	17.595	178	379997	20.445	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.518	216	94623	22.337	ng/ul	97
76) Pentachlorobenzene	15.028	250	108981	22.556	ng/ul	93
77) Carbazole	17.860	167	318574	20.367	ng/ul#	96
78) Di-n-butylphthalate	18.406	149	399267	19.882	ng/ul	99
80) Fluoranthene	19.505	202	420596	19.685	ng/ul#	92
82) Pyrene	19.863	202	436197	19.764	ng/ul#	94
83) Butylbenzylphthalate	20.739	149	176651	19.072	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.608	252	161950	22.178	ng/ul	99
85) Benzo(a)anthracene	21.702	228	441613	19.871	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.596	149	252320	18.984	ng/ul	97
87) Chrysene	21.767	228	415820	19.987	ng/ul	98
89) Di-n-octyl phthalate	22.813	149	444428	20.072	ng/ul	100
90) Benzo(b)fluoranthene	23.929	252	449601m	19.690	ng/ul	
91) Benzo(k)fluoranthene	23.994	252	468533	20.577	ng/ul#	94
93) Benzo(a)pyrene	24.810	252	439714	20.336	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.653	276	561420m	20.318	ng/ul	
95) Dibenzo(a,h)anthracene	28.729	278	473846m	20.764	ng/ul	
96) Benzo(g,h,i)perylene	29.816	276	441522m	20.085	ng/ul	

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

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