Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059361.D
Acq On : 8 Oct 2023 4:25
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020590

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/09/2023
Supervised By :mohammad ahmed 10/09/2023

Quant Time: Oct 08 05:09:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.232	152	51004	20.000	ng/ul	0.00
20) Naphthalene-d8	11.070	136	242364	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.866	164	161496	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.610	188	366391	20.000	ng/ul	0.00
79) Chrysene-d12	21.916	240	333345	20.000	ng/ul	0.00
88) Perylene-d12	25.400	264	397142	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.532	96	11346m	7.932	ng/uL	0.00
4) Pyridine-d5	3.967	84	85721	20.819	ng/ul	0.00
7) Phenol-d5	7.357	99	114710	20.369	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.551	67	66121	20.772	ng/ul	0.00
11) 2-Chlorophenol-d4	7.751	132	84384	21.424	ng/ul	0.00
15) 4-Methylphenol-d8	8.926	113	90502	20.625	ng/ul	0.00
21) Nitrobenzene-d5	9.425	128	46489	22.533	ng/ul	0.00
24) 2-Nitrophenol-d4	10.142	143	49084	21.981	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.677	165	90449	22.441	ng/ul	0.00
31) 4-Chloroaniline-d4	11.217	131	135928	21.231	ng/ul	0.00
46) Dimethylphthalate-d6	14.261	166	282587	21.358	ng/ul	0.00
49) Acenaphthylene-d8	14.566	160	341900	21.715	ng/ul	0.00
54) 4-Nitrophenol-d4	15.054	143	50943	20.547	ng/ul	0.00
60) Fluorene-d10	15.853	176	268028	21.223	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.964	200	52712	21.790	ng/ul	0.00
73) Anthracene-d10	17.715	188	399136	22.207	ng/ul	0.00
81) Pyrene-d10	19.989	212	455158	22.539	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.154	264	456870	21.862	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.567	88	12817m	8.393	ng/uL	
5) Pyridine	3.984	79	86911	20.906	ng/ul	99
6) Benzaldehyde	7.375	77	55319	23.680	ng/ul	93
8) Phenol	7.386	94	113779	20.431	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.645	93	89654	20.904	ng/ul	99
12) 2-Chlorophenol	7.780	128	87731	21.138	ng/ul	98
13) 2-Methylphenol	8.655	108	81858	19.671	ng/ul	87
14) 2,2'-oxybis(1-Chloropr...	8.744	45	187452	20.890	ng/ul	96
16) Acetophenone	9.073	105	137294	20.590	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.031	70	65860	19.823	ng/ul#	91
18) 4-Methylphenol	8.990	108	89266	19.507	ng/ul	88
19) Hexachloroethane	9.313	117	33760	22.363	ng/ul	93
22) Nitrobenzene	9.472	77	100870	22.301	ng/ul	88
23) Isophorone	9.977	82	212714	22.024	ng/ul	97
25) 2-Nitrophenol	10.183	139	50536	21.943	ng/ul#	96
26) 2,4-Dimethylphenol	10.207	107	94743	20.854	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.459	93	130603	22.503	ng/ul	94
29) 2,4-Dichlorophenol	10.700	162	90598	22.322	ng/ul	91
30) Naphthalene	11.123	128	303218	21.632	ng/ul	97
32) 4-Chloroaniline	11.241	127	126585	20.900	ng/ul	97
33) Hexachlorobutadiene	11.352	225	58451	23.852	ng/ul	95
34) Caprolactam	12.016	113	30596m	20.760	ng/ul	
35) 4-Chloro-3-methylphenol	12.322	107	92498	21.239	ng/ul	96
36) 2-Methylnaphthalene	12.704	142	203183	21.743	ng/ul	94

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.927	142	211313	21.779	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	13.050	216	112929	23.476	ng/ul#	95
40)	Hexachlorocyclopentadiene	13.003	237	64641	22.383	ng/ul#	93
41)	2,4,6-Trichlorophenol	13.297	196	73880	22.634	ng/ul	88
42)	2,4,5-Trichlorophenol	13.368	196	77446	21.846	ng/ul	98
43)	1,1'-Biphenyl	13.697	154	302638	22.769	ng/ul	99
44)	2-Chloronaphthalene	13.749	162	225002	22.022	ng/ul	99
45)	2-Nitroaniline	13.973	65	71198	21.281	ng/ul	98
47)	Dimethylphthalate	14.308	163	279623	21.029	ng/ul	100
48)	2,6-Dinitrotoluene	14.454	165	57184	21.316	ng/ul	99
50)	Acenaphthylene	14.595	152	370485	21.890	ng/ul	100
51)	3-Nitroaniline	14.789	138	60543	23.048	ng/ul	97
52)	Acenaphthene	14.930	153	253199	22.111	ng/ul	99
53)	2,4-Dinitrophenol	14.989	184	28696	14.892	ng/ul	96
55)	4-Nitrophenol	15.071	109	35858	21.435	ng/ul	88
56)	Dibenzofuran	15.259	168	339920	21.513	ng/ul	98
57)	2,4-Dinitrotoluene	15.230	165	84007	21.382	ng/ul#	96
58)	2,3,4,6-Tetrachlorophenol	15.471	232	73759	21.683	ng/ul#	96
59)	Diethylphthalate	15.647	149	275194	20.808	ng/ul	96
61)	Fluorene	15.906	166	282616	21.022	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.888	204	141773	21.342	ng/ul	99
63)	4-Nitroaniline	15.953	138	53665	22.692	ng/ul	96
66)	4,6-Dinitro-2-methylph...	15.976	198	57537	22.363	ng/ul#	87
67)	N-Nitrosodiphenylamine	16.111	169	231319	22.310	ng/ul	95
68)	4-Bromophenyl-phenylether	16.787	248	88975	22.869	ng/ul	99
69)	Hexachlorobenzene	16.881	284	98359	22.148	ng/ul	96
70)	Atrazine	17.046	200	93605	22.770	ng/ul	98
71)	Pentachlorophenol	17.239	266	56289	21.809	ng/ul	96
72)	Phenanthrene	17.657	178	481680	22.198	ng/ul	98
74)	Anthracene	17.745	178	496022	22.476	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.661	216	113709	23.888	ng/uL	96
76)	Pentachlorobenzene	15.154	250	116946	23.738	ng/uL	97
77)	Carbazole	18.027	167	412329	22.451	ng/ul	98
78)	Di-n-butylphthalate	18.526	149	486977	22.411	ng/ul	98
80)	Fluoranthene	19.648	202	553446	22.026	ng/ul	98
82)	Pyrene	20.019	202	573784	21.972	ng/ul	96
83)	Butylbenzylphthalate	20.865	149	210818	21.849	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.811	252	197695	23.773	ng/ul#	98
85)	Benzo(a)anthracene	21.893	228	560374	22.011	ng/ul	97
86)	Bis(2-ethylhexyl)phtha...	21.722	149	314203	21.773	ng/ul	98
87)	Chrysene	21.963	228	530587	22.188	ng/ul	97
89)	Di-n-octyl phthalate	23.015	149	544393	21.724	ng/ul	100
90)	Benzo(b)fluoranthene	24.267	252	579231	22.136	ng/ul	98
91)	Benzo(k)fluoranthene	24.343	252	576898	21.714	ng/ul	96
93)	Benzo(a)pyrene	25.236	252	547501	21.966	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	29.419	276	625996m	21.803	ng/ul	
95)	Dibenzo(a,h)anthracene	29.502	278	500371	21.433	ng/ul	96
96)	Benzo(g,h,i)perylene	30.706	276	505100m	22.058	ng/ul	

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

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