Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051603.D
Acq On : 17 Dec 2021 19:02
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020595

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021

Quant Time: Dec 17 23:04:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.273	152	33187	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.110	136	133631	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.911	164	95012	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.654	188	235008	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.972	240	228271	20.000	ng/ul	#-0.01
88) Perylene-d12	25.467	264	231849	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.597	96	6786	8.492	ng/uL	0.00
4) Pyridine-d5	4.026	84	56448	23.379	ng/ul	-0.02
7) Phenol-d5	7.404	99	63117	21.301	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.580	67	38776	22.013	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.797	132	43601	21.157	ng/ul	-0.01
15) 4-Methylphenol-d8	8.966	113	48014	20.963	ng/ul	-0.01
21) Nitrobenzene-d5	9.442	128	23209	23.689	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.171	143	24506	22.881	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.717	165	51023	21.968	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.228	131	64718	21.164	ng/ul	-0.01
46) Dimethylphthalate-d6	14.300	166	159151	20.928	ng/ul	-0.01
49) Acenaphthylene-d8	14.606	160	197804	20.943	ng/ul	0.00
54) 4-Nitrophenol-d4	15.070	143	25616	20.714	ng/ul	0.00
60) Fluorene-d10	15.898	176	141472	20.764	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.998	200	26278	21.462	ng/ul	-0.01
73) Anthracene-d10	17.754	188	232501	20.739	ng/ul	0.00
81) Pyrene-d10	20.028	212	283493	20.635	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.227	264	258515	21.191	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.638	88	7521m	9.018	ng/uL	
5) Pyridine	4.049	79	54829	22.636	ng/ul	96
6) Benzaldehyde	7.392	77	46088	24.929	ng/ul	94
8) Phenol	7.433	94	63138	21.429	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.674	93	45201	20.109	ng/ul	99
12) 2-Chlorophenol	7.832	128	47105	22.282	ng/ul	93
13) 2-Methylphenol	8.702	108	45770	20.588	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.796	45	63774	20.916	ng/ul#	92
16) Acetophenone	9.095	105	75356	20.945	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.078	70	44064	20.411	ng/ul	99
18) 4-Methylphenol	9.031	108	49299	21.040	ng/ul	100
19) Hexachloroethane	9.383	117	19046	20.648	ng/ul#	79
22) Nitrobenzene	9.483	77	63434	22.260	ng/ul#	94
23) Isophorone	10.012	82	117721	20.577	ng/ul#	96
25) 2-Nitrophenol	10.206	139	26544	23.186	ng/ul	99
26) 2,4-Dimethylphenol	10.253	107	57380	20.803	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.494	93	63958	21.054	ng/ul#	97
29) 2,4-Dichlorophenol	10.746	162	47521	21.504	ng/ul	97
30) Naphthalene	11.163	128	150344	20.883	ng/ul	98
32) 4-Chloroaniline	11.257	127	63820	20.438	ng/ul	100
33) Hexachlorobutadiene	11.451	225	38745	20.652	ng/ul	99
34) Caprolactam	11.997	113	16145	24.131	ng/ul	90
35) 4-Chloro-3-methylphenol	12.356	107	51983	20.994	ng/ul	92
36) 2-Methylnaphthalene	12.755	142	108548	21.134	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.973	142	108834	20.408	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.114	216	71155	21.531	ng/ul	93
40) Hexachlorocyclopentadiene	13.102	237	54910	22.883	ng/ul	95
41) 2,4,6-Trichlorophenol	13.343	196	44800	22.393	ng/ul	99
42) 2,4,5-Trichlorophenol	13.413	196	49289	23.508	ng/ul	90
43) 1,1'-Biphenyl	13.748	154	151977	20.882	ng/ul#	93
44) 2-Chloronaphthalene	13.789	162	119030	21.155	ng/ul	98
45) 2-Nitroaniline	13.977	65	41035	23.873	ng/ul	95
47) Dimethylphthalate	14.347	163	154893	20.980	ng/ul	99
48) 2,6-Dinitrotoluene	14.465	165	32536	23.052	ng/ul#	86
50) Acenaphthylene	14.635	152	195557	21.163	ng/ul	96
51) 3-Nitroaniline	14.794	138	32200	23.859	ng/ul	96
52) Acenaphthene	14.970	153	127586	20.900	ng/ul	94
53) 2,4-Dinitrophenol	14.993	184	21429	26.265	ng/ul#	60
55) 4-Nitrophenol	15.082	109	27278	20.559	ng/ul	92
56) Dibenzofuran	15.305	168	185404	20.622	ng/ul	98
57) 2,4-Dinitrotoluene	15.246	165	47498	23.744	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.522	232	43526	21.843	ng/ul	88
59) Diethylphthalate	15.704	149	159040	20.679	ng/ul	97
61) Fluorene	15.951	166	154024	20.792	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.939	204	84988	20.598	ng/ul	93
63) 4-Nitroaniline	15.951	138	33089m	23.906	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.010	198	25829	21.480	ng/ul#	97
67) N-Nitrosodiphenylamine	16.145	169	133472	21.116	ng/ul	97
68) 4-Bromophenyl-phenylether	16.832	248	59432	24.832	ng/ul#	87
69) Hexachlorobenzene	16.961	284	67103	22.312	ng/ul#	89
70) Atrazine	17.085	200	60432	21.306	ng/ul	98
71) Pentachlorophenol	17.296	266	47154	25.590	ng/ul	95
72) Phenanthrene	17.696	178	248881	20.590	ng/ul	99
74) Anthracene	17.790	178	254661	20.854	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.719	216	77821	21.525	ng/uL	98
76) Pentachlorobenzene	15.228	250	74418	21.532	ng/uL	96
77) Carbazole	18.048	167	226878	20.748	ng/ul	99
78) Di-n-butylphthalate	18.600	149	267011	20.290	ng/ul	99
80) Fluoranthene	19.699	202	329897	20.920	ng/ul#	88
82) Pyrene	20.057	202	320067	20.509	ng/ul#	89
83) Butylbenzylphthalate	20.932	149	109053	20.837	ng/ul#	94
84) 3,3'-Dichlorobenzidine	21.855	252	117125	21.771	ng/ul#	96
85) Benzo(a)anthracene	21.955	228	313581	21.115	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.843	149	154992	21.142	ng/ul#	99
87) Chrysene	22.025	228	297292	20.720	ng/ul	99
89) Di-n-octyl phthalate	23.153	149	259330	20.767	ng/ul	100
90) Benzo(b)fluoranthene	24.351	252	324969	20.926	ng/ul#	95
91) Benzo(k)fluoranthene	24.422	252	302879	20.827	ng/ul#	96
93) Benzo(a)pyrene	25.303	252	305663	20.855	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.491	276	345881	21.616	ng/ul#	87
95) Dibenzo(a,h)anthracene	29.562	278	288466	21.108	ng/ul#	92
96) Benzo(g,h,i)perylene	30.743	276	285494	21.055	ng/ul#	88

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

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