Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020322\
Data File : BG052262.D
Acq On : 3 Feb 2022 10:33
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 03 23:58:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG013122.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 31 18:07:10 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020516

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay
02/04/2022
Supervised By :Yogesh Patel
02/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	33411	20.000	ng/ul	0.00
20) Naphthalene-d8	11.078	136	135892	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.879	164	96950	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.628	188	224233	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.940	240	218130	20.000	ng/ul	# 0.00
88) Perylene-d12	25.411	264	224362	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.565	96	7308	8.824	ng/uL	0.00
4) Pyridine-d5	3.987	84	52307	20.306	ng/ul	0.00
7) Phenol-d5	7.383	99	61554	20.254	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.542	67	37207	20.152	ng/ul	0.00
11) 2-Chlorophenol-d4	7.765	132	45108	21.300	ng/ul	0.00
15) 4-Methylphenol-d8	8.940	113	46767	20.279	ng/ul	0.00
21) Nitrobenzene-d5	9.410	128	23408	21.155	ng/ul	0.00
24) 2-Nitrophenol-d4	10.144	143	25399	21.007	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.684	165	50121	21.264	ng/ul	0.00
31) 4-Chloroaniline-d4	11.201	131	65617	21.946	ng/ul	0.00
46) Dimethylphthalate-d6	14.268	166	158634	20.817	ng/ul	0.00
49) Acenaphthylene-d8	14.573	160	199876	21.043	ng/ul	0.00
54) 4-Nitrophenol-d4	15.061	143	22934	19.871	ng/ul	0.00
60) Fluorene-d10	15.866	176	139125	20.838	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.977	200	26166	18.901	ng/ul	0.00
73) Anthracene-d10	17.728	188	226628	21.438	ng/ul	0.00
81) Pyrene-d10	20.001	212	268613	20.547	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.176	264	255169	21.408	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.594	88	7724	8.367	ng/uL#	84
5) Pyridine	4.011	79	55181	20.455	ng/ul	96
6) Benzaldehyde	7.359	77	29893	17.350	ng/ul	98
8) Phenol	7.406	94	61286	20.122	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.636	93	47566	20.667	ng/ul	94
12) 2-Chlorophenol	7.794	128	45626	20.871	ng/ul	98
13) 2-Methylphenol	8.675	108	45367	19.793	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.763	45	66522	20.236	ng/ul	97
16) Acetophenone	9.063	105	74344	20.787	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.040	70	42132	19.639	ng/ul	98
18) 4-Methylphenol	9.010	108	49405	20.459	ng/ul	87
19) Hexachloroethane	9.339	117	19993	21.236	ng/ul#	74
22) Nitrobenzene	9.451	77	61753	20.010	ng/ul#	98
23) Isophorone	9.974	82	116815	20.456	ng/ul	99
25) 2-Nitrophenol	10.173	139	27430	20.752	ng/ul	96
26) 2,4-Dimethylphenol	10.220	107	55325	20.299	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.455	93	63340	20.681	ng/ul	95
29) 2,4-Dichlorophenol	10.720	162	45038	19.766	ng/ul	94
30) Naphthalene	11.125	128	154881	20.844	ng/ul	96
32) 4-Chloroaniline	11.225	127	68250	22.140	ng/ul	95
33) Hexachlorobutadiene	11.413	225	39061	21.016	ng/ul	99
34) Caprolactam	11.971	113	15261m	20.651	ng/ul	
35) 4-Chloro-3-methylphenol	12.335	107	51747	21.056	ng/ul	90
36) 2-Methylnaphthalene	12.723	142	110353	21.164	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.934	142	114351	21.318	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.087	216	70610	20.234	ng/ul	96
40) Hexachlorocyclopentadiene	13.063	237	35573	17.856	ng/ul	91
41) 2,4,6-Trichlorophenol	13.316	196	42495	20.394	ng/ul	95
42) 2,4,5-Trichlorophenol	13.392	196	46086	20.535	ng/ul	99
43) 1,1'-Biphenyl	13.710	154	153701	20.222	ng/ul	95
44) 2-Chloronaphthalene	13.763	162	117464	20.199	ng/ul	97
45) 2-Nitroaniline	13.950	65	41109	20.995	ng/ul	99
47) Dimethylphthalate	14.315	163	152490	20.645	ng/ul	99
48) 2,6-Dinitrotoluene	14.438	165	32183	20.197	ng/ul	87
50) Acenaphthylene	14.603	152	196964	20.688	ng/ul	97
51) 3-Nitroaniline	14.773	138	22499	16.499	ng/ul	93
52) Acenaphthene	14.943	153	130542	20.916	ng/ul	98
53) 2,4-Dinitrophenol	14.979	184	13991	16.908	ng/ul#	78
55) 4-Nitrophenol	15.078	109	24643m	20.371	ng/ul	
56) Dibenzofuran	15.272	168	182445	20.189	ng/ul	99
57) 2,4-Dinitrotoluene	15.225	165	47795	20.923	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.501	232	39950	20.336	ng/ul	91
59) Diethylphthalate	15.672	149	154497	20.628	ng/ul	98
61) Fluorene	15.924	166	153738	20.501	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.907	204	83298	20.197	ng/ul	94
63) 4-Nitroaniline	15.930	138	16270m	12.296	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.995	198	25479	19.325	ng/ul	98
67) N-Nitrosodiphenylamine	16.118	169	129992	21.146	ng/ul	95
68) 4-Bromophenyl-phenylether	16.805	248	56621	20.917	ng/ul#	85
69) Hexachlorobenzene	16.935	284	62756	20.629	ng/ul#	89
70) Atrazine	17.058	200	56936	20.993	ng/ul	99
71) Pentachlorophenol	17.275	266	26861m	18.415	ng/ul	
72) Phenanthrene	17.669	178	247725	20.971	ng/ul	98
74) Anthracene	17.763	178	246601	21.151	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.686	216	74105	19.795	ng/uL	96
76) Pentachlorobenzene	15.202	250	75744	21.933	ng/uL	97
77) Carbazole	18.027	167	218600	21.511	ng/ul	98
78) Di-n-butylphthalate	18.568	149	254884	20.912	ng/ul	99
80) Fluoranthene	19.672	202	313497	20.364	ng/ul#	90
82) Pyrene	20.031	202	305483	20.269	ng/ul#	90
83) Butylbenzylphthalate	20.900	149	109490	20.768	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.822	252	98848	21.163	ng/ul#	94
85) Benzo(a)anthracene	21.922	228	308120	21.002	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.799	149	156950	20.768	ng/ul#	99
87) Chrysene	21.993	228	288080	20.782	ng/ul	99
89) Di-n-octyl phthalate	23.097	149	263101	20.669	ng/ul	100
90) Benzo(b)fluoranthene	24.301	252	322733	20.744	ng/ul#	97
91) Benzo(k)fluoranthene	24.378	252	295076	20.730	ng/ul#	96
93) Benzo(a)pyrene	25.247	252	305849	21.078	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	29.412	276	349671m	21.634	ng/ul	
95) Dibenzo(a,h)anthracene	29.482	278	297968	22.233	ng/ul#	94
96) Benzo(g,h,i)perylene	30.663	276	286400	20.816	ng/ul#	92

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

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