Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081822\
Data File : BG054649.D
Acq On : 18 Aug 2022 10:06
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 18 10:44:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 18 03:22:26 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020576

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/19/2022
Supervised By :Sohil Jodhani 08/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.162	152	43302	20.000	ng/ul	0.00
20) Naphthalene-d8	10.988	136	185651	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.795	164	119649	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.539	188	263769	20.000	ng/ul	0.00
79) Chrysene-d12	21.840	240	248801	20.000	ng/ul	0.00
88) Perylene-d12	25.218	264	261322	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.515	96	8687	7.936	ng/uL	0.00
4) Pyridine-d5	3.938	84	63088	19.339	ng/ul	0.00
7) Phenol-d5	7.298	99	70171	19.060	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.480	67	46574	19.771	ng/ul	0.00
11) 2-Chlorophenol-d4	7.686	132	49431	18.984	ng/ul	0.00
15) 4-Methylphenol-d8	8.855	113	54503	19.597	ng/ul	0.00
21) Nitrobenzene-d5	9.331	128	22332	19.164	ng/ul	0.00
24) 2-Nitrophenol-d4	10.060	143	17756	17.019	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.594	165	50891	18.606	ng/ul	0.00
31) 4-Chloroaniline-d4	11.117	131	75668	19.271	ng/ul	0.00
46) Dimethylphthalate-d6	14.190	166	158553	19.286	ng/ul	0.00
49) Acenaphthylene-d8	14.490	160	191544	19.459	ng/ul	0.00
54) 4-Nitrophenol-d4	14.960	143	22585	17.383	ng/ul	0.00
60) Fluorene-d10	15.782	176	145408	19.505	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.888	200	13587	15.126	ng/ul	0.00
73) Anthracene-d10	17.639	188	223056	19.442	ng/ul	0.00
81) Pyrene-d10	19.919	212	254720	19.737	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.983	264	246572	19.214	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.550	88	9693	7.857	ng/uL	97
5) Pyridine	3.955	79	63122	19.371	ng/ul	94
6) Benzaldehyde	7.292	77	38078	21.147	ng/ul	95
8) Phenol	7.328	94	71586	19.523	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.574	93	58645	19.661	ng/ul	98
12) 2-Chlorophenol	7.721	128	54699	19.557	ng/ul	98
13) 2-Methylphenol	8.597	108	53953	19.250	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.685	45	95268	19.496	ng/ul	99
16) Acetophenone	8.990	105	87757	20.227	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.967	70	45988	19.504	ng/ul	99
18) 4-Methylphenol	8.920	108	57824	19.769	ng/ul	100
19) Hexachloroethane	9.261	117	21767	19.105	ng/ul	96
22) Nitrobenzene	9.378	77	58873	19.213	ng/ul	92
23) Isophorone	9.901	82	127562	19.213	ng/ul	99
25) 2-Nitrophenol	10.089	139	22411	18.208	ng/ul	98
26) 2,4-Dimethylphenol	10.136	107	62611	19.004	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.383	93	78353	19.165	ng/ul	99
29) 2,4-Dichlorophenol	10.624	162	50639	19.189	ng/ul	98
30) Naphthalene	11.041	128	184607	19.290	ng/ul	100
32) 4-Chloroaniline	11.141	127	77958	19.413	ng/ul	97
33) Hexachlorobutadiene	11.317	225	37818	19.105	ng/ul	97
34) Caprolactam	11.887	113	15846	17.596	ng/ul	97
35) 4-Chloro-3-methylphenol	12.240	107	53918	18.736	ng/ul	96
36) 2-Methylnaphthalene	12.633	142	126199	19.327	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.851	142	127290	19.621	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.992	216	69477	19.080	ng/ul	98
40)	Hexachlorocyclopentadiene	12.974	237	40158	17.377	ng/ul	98
41)	2,4,6-Trichlorophenol	13.227	196	38861	18.180	ng/ul	98
42)	2,4,5-Trichlorophenol	13.297	196	43363	18.632	ng/ul	98
43)	1,1'-Biphenyl	13.632	154	170119	19.693	ng/ul	98
44)	2-Chloronaphthalene	13.679	162	127080	19.415	ng/ul	97
45)	2-Nitroaniline	13.873	65	29112	18.960	ng/ul	93
47)	Dimethylphthalate	14.237	163	161443	19.449	ng/ul	100
48)	2,6-Dinitrotoluene	14.361	165	24602	18.935	ng/ul	97
50)	Acenaphthylene	14.519	152	213673	19.611	ng/ul	99
51)	3-Nitroaniline	14.690	138	24980	18.073	ng/ul	96
52)	Acenaphthene	14.860	153	140610	19.419	ng/ul	98
53)	2,4-Dinitrophenol	14.889	184	9908	15.276	ng/ul	99
55)	4-Nitrophenol	14.978	109	19283	18.036	ng/ul	96
56)	Dibenzofuran	15.189	168	194714	19.523	ng/ul	100
57)	2,4-Dinitrotoluene	15.142	165	34538	19.607	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.406	232	34196	18.254	ng/ul#	97
59)	Diethylphthalate	15.600	149	158981	19.301	ng/ul	99
61)	Fluorene	15.841	166	159977	19.672	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.829	204	80218	19.258	ng/ul	97
63)	4-Nitroaniline	15.847	138	24427	18.949	ng/ul	95
66)	4,6-Dinitro-2-methylph...	15.900	198	14815	15.460	ng/ul	99
67)	N-Nitrosodiphenylamine	16.041	169	140490	19.720	ng/ul	98
68)	4-Bromophenyl-phenylether	16.723	248	52935	19.465	ng/ul	98
69)	Hexachlorobenzene	16.834	284	60511	19.500	ng/ul	98
70)	Atrazine	16.981	200	50829	18.769	ng/ul	99
71)	Pentachlorophenol	17.181	266	28329	16.521	ng/ul	98
72)	Phenanthrene	17.580	178	255921	19.503	ng/ul	100
74)	Anthracene	17.674	178	260732	19.729	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.597	216	74453	19.635	ng/uL	98
76)	Pentachlorobenzene	15.107	250	69191	19.157	ng/uL	99
77)	Carbazole	17.939	167	232940	19.909	ng/ul	98
78)	Di-n-butylphthalate	18.491	149	266542	19.477	ng/ul	100
80)	Fluoranthene	19.584	202	318217	19.713	ng/ul	99
82)	Pyrene	19.948	202	315662	19.674	ng/ul	100
83)	Butylbenzylphthalate	20.830	149	103937	18.917	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.728	252	103523	19.209	ng/ul	93
85)	Benzo(a)anthracene	21.817	228	300179	19.415	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.723	149	154728	18.756	ng/ul	99
87)	Chrysene	21.887	228	289038	19.427	ng/ul	100
89)	Di-n-octyl phthalate	22.998	149	255152	17.610	ng/ul	100
90)	Benzo(b)fluoranthene	24.137	252	312537	18.933	ng/ul	99
91)	Benzo(k)fluoranthene	24.208	252	296074	19.356	ng/ul	99
93)	Benzo(a)pyrene	25.060	252	307692	19.403	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	29.102	276	353102	18.957	ng/ul	100
95)	Dibenzo(a,h)anthracene	29.190	278	303019m	19.243	ng/ul	
96)	Benzo(g,h,i)perylene	30.318	276	297120	19.122	ng/ul	98

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

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