Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051675.D
Acq On : 20 Dec 2021 10:35
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020452

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021

Quant Time: Dec 20 23:07:13 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	8.276	152	39038	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.113	136	168975	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.908	164	120513	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.657	188	290885	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.975	240	271071	20.000	ng/ul	#-0.01
88) Perylene-d12	25.470	264	279289	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.600	96	7890	8.394	ng/uL	0.00
4) Pyridine-d5	4.023	84	64852	22.834	ng/ul	-0.02
7) Phenol-d5	7.406	99	77340	22.189	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.583	67	46412	22.399	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.800	132	52746	21.758	ng/ul	-0.01
15) 4-Methylphenol-d8	8.969	113	60641	22.507	ng/ul	-0.01
21) Nitrobenzene-d5	9.439	128	27872	22.498	ng/ul	-0.02
24) 2-Nitrophenol-d4	10.173	143	30666	22.644	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.720	165	64207	21.863	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.231	131	81836	21.164	ng/ul	-0.01
46) Dimethylphthalate-d6	14.297	166	197540	20.479	ng/ul	-0.02
49) Acenaphthylene-d8	14.603	160	252465	21.075	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.072	143	31527	20.099	ng/ul	0.00
60) Fluorene-d10	15.895	176	177717	20.564	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	16.001	200	30366	20.036	ng/ul	-0.01
73) Anthracene-d10	17.757	188	283293	20.416	ng/ul	0.00
81) Pyrene-d10	20.030	212	339222	20.793	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.229	264	306924	20.886	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.635	88	9000	9.174	ng/uL	96
5) Pyridine	4.046	79	64881	22.771	ng/ul	94
6) Benzaldehyde	7.395	77	53153m	24.442	ng/ul	
8) Phenol	7.430	94	78457	22.637	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.671	93	57427	21.719	ng/ul	94
12) 2-Chlorophenol	7.835	128	55044	22.135	ng/ul	99
13) 2-Methylphenol	8.705	108	58689	22.443	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.799	45	79476m	22.159	ng/ul	
16) Acetophenone	9.098	105	93978	22.206	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.081	70	56120	22.099	ng/ul	98
18) 4-Methylphenol	9.034	108	64467	23.390	ng/ul	96
19) Hexachloroethane	9.380	117	20645	19.027	ng/ul#	82
22) Nitrobenzene	9.486	77	80284	22.280	ng/ul	95
23) Isophorone	10.015	82	152886	21.134	ng/ul	99
25) 2-Nitrophenol	10.208	139	34085	23.546	ng/ul	94
26) 2,4-Dimethylphenol	10.255	107	73237	20.998	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.490	93	79498	20.696	ng/ul	99
29) 2,4-Dichlorophenol	10.743	162	60502	21.652	ng/ul	95
30) Naphthalene	11.166	128	189157	20.778	ng/ul	96
32) 4-Chloroaniline	11.260	127	82406	20.871	ng/ul	99
33) Hexachlorobutadiene	11.454	225	46337	19.532	ng/ul	97
34) Caprolactam	12.000	113	20628m	24.383	ng/ul	
35) 4-Chloro-3-methylphenol	12.358	107	68130	21.760	ng/ul	97
36) 2-Methylnaphthalene	12.752	142	136269	20.982	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.969	142	141256	20.947	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	13.116	216	87563	20.889	ng/ul	95
40)	Hexachlorocyclopentadiene	13.099	237	47855	15.723	ng/ul	99
41)	2,4,6-Trichlorophenol	13.345	196	58260	22.959	ng/ul	97
42)	2,4,5-Trichlorophenol	13.422	196	61371	23.076	ng/ul	100
43)	1,1'-Biphenyl	13.745	154	193416	20.952	ng/ul	97
44)	2-Chloronaphthalene	13.792	162	151368	21.209	ng/ul	97
45)	2-Nitroaniline	13.980	65	52976	24.298	ng/ul	96
47)	Dimethylphthalate	14.344	163	190562	20.349	ng/ul	99
48)	2,6-Dinitrotoluene	14.462	165	42744	23.876	ng/ul	89
50)	Acenaphthylene	14.632	152	248431	21.196	ng/ul	98
51)	3-Nitroaniline	14.791	138	41293	24.122	ng/ul	99
52)	Acenaphthene	14.973	153	162477	20.983	ng/ul	96
53)	2,4-Dinitrophenol	14.996	184	21853	21.117	ng/ul#	79
55)	4-Nitrophenol	15.084	109	33229	19.745	ng/ul	88
56)	Dibenzofuran	15.302	168	238819	20.943	ng/ul	95
57)	2,4-Dinitrotoluene	15.249	165	60423	23.814	ng/ul#	93
58)	2,3,4,6-Tetrachlorophenol	15.525	232	54312	21.489	ng/ul#	90
59)	Diethylphthalate	15.701	149	192792	19.763	ng/ul	96
61)	Fluorene	15.954	166	193338	20.577	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.942	204	107457	20.533	ng/ul	93
63)	4-Nitroaniline	15.954	138	39179	22.316	ng/ul	93
66)	4,6-Dinitro-2-methylph...	16.012	198	29060	19.525	ng/ul#	99
67)	N-Nitrosodiphenylamine	16.147	169	169667	21.686	ng/ul	96
68)	4-Bromophenyl-phenylether	16.835	248	72016	24.310	ng/ul#	85
69)	Hexachlorobenzene	16.964	284	78005	20.954	ng/ul#	87
70)	Atrazine	17.087	200	70684	20.133	ng/ul	98
71)	Pentachlorophenol	17.299	266	42695	18.719	ng/ul	95
72)	Phenanthrene	17.698	178	311864	20.844	ng/ul	97
74)	Anthracene	17.786	178	310891	20.569	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.715	216	99415	22.215	ng/uL	97
76)	Pentachlorobenzene	15.231	250	94189	22.017	ng/uL	96
77)	Carbazole	18.051	167	280285	20.709	ng/ul	95
78)	Di-n-butylphthalate	18.597	149	326604	20.051	ng/ul	98
80)	Fluoranthene	19.696	202	388963	20.771	ng/ul#	91
82)	Pyrene	20.060	202	379451	20.475	ng/ul#	91
83)	Butylbenzylphthalate	20.929	149	135946	21.874	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.852	252	141013	22.073	ng/ul#	95
85)	Benzo(a)anthracene	21.951	228	377731	21.418	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.840	149	190315	21.861	ng/ul#	98
87)	Chrysene	22.028	228	359198	21.082	ng/ul	98
89)	Di-n-octyl phthalate	23.150	149	327209	21.752	ng/ul	100
90)	Benzo(b)fluoranthene	24.354	252	388904	20.789	ng/ul#	95
91)	Benzo(k)fluoranthene	24.425	252	364105	20.784	ng/ul#	94
93)	Benzo(a)pyrene	25.306	252	366701	20.770	ng/ul#	96
94)	Indeno(1,2,3-cd)pyrene	29.500	276	403023	20.909	ng/ul#	88
95)	Dibenzo(a,h)anthracene	29.565	278	338698	20.574	ng/ul#	94
96)	Benzo(g,h,i)perylene	30.745	276	317534	19.440	ng/ul#	91

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

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