Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051503.D
Acq On : 14 Dec 2021 14:25
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 14 16:26:35 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

Instrument :
BNA_G
ClientSampleId :
SICV441

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

12/14/2021
Supervised By :Yogesh Patel

12/23/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.290	152	32023	20.000	ng/ul		0.00
20) Naphthalene-d8	11.127	136	133855	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.922	164	96967	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.665	188	234297	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.989	240	219115	20.000	ng/ul	#	0.00
88) Perylene-d12	25.490	264	214748	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.614	96	5900	7.652	ng/uL		0.00
4) Pyridine-d5	4.048	84	48758	20.928	ng/ul		0.00
7) Phenol-d5	7.420	99	58914	20.605	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.597	67	35638	20.967	ng/ul		0.00
11) 2-Chlorophenol-d4	7.814	132	43107	21.677	ng/ul		0.00
15) 4-Methylphenol-d8	8.983	113	46091	20.854	ng/ul		0.00
21) Nitrobenzene-d5	9.459	128	20343	20.729	ng/ul		0.00
24) 2-Nitrophenol-d4	10.193	143	22580	21.048	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.739	165	49071	21.093	ng/ul		0.00
31) 4-Chloroaniline-d4	11.250	131	63113	20.605	ng/ul		0.00
46) Dimethylphthalate-d6	14.317	166	158490	20.421	ng/ul		0.00
49) Acenaphthylene-d8	14.616	160	196302	20.365	ng/ul		0.00
54) 4-Nitrophenol-d4	15.081	143	25890	20.513	ng/ul		0.00
60) Fluorene-d10	15.909	176	140449	20.198	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	16.009	200	25191	20.636	ng/ul		0.00
73) Anthracene-d10	17.765	188	234070	20.943	ng/ul		0.00
81) Pyrene-d10	20.038	212	286083	21.694	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.255	264	234411	20.746	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.649	88	6182	7.682	ng/uL	#	79
5) Pyridine	4.066	79	50354	21.544	ng/ul		96
6) Benzaldehyde	7.414	77	45012	25.232	ng/ul		95
8) Phenol	7.444	94	60506	21.282	ng/ul		92
10) Bis(2-Chloroethyl)ether	7.691	93	46637	21.502	ng/ul		96
12) 2-Chlorophenol	7.849	128	43564	21.356	ng/ul		97
13) 2-Methylphenol	8.719	108	45488	21.205	ng/ul		98
14) 2,2'-oxybis(1-Chloropr...	8.824	45	62901	21.380	ng/ul		96
16) Acetophenone	9.118	105	72871	20.990	ng/ul		90
17) N-Nitroso-di-n-propyla...	9.100	70	43492	20.878	ng/ul		97
18) 4-Methylphenol	9.053	108	47533	21.024	ng/ul		95
19) Hexachloroethane	9.400	117	18421	20.696	ng/ul	#	60
22) Nitrobenzene	9.506	77	59755	20.934	ng/ul		99
23) Isophorone	10.040	82	117139	20.441	ng/ul		98
25) 2-Nitrophenol	10.222	139	25357	22.112	ng/ul		97
26) 2,4-Dimethylphenol	10.275	107	56874	20.585	ng/ul		95
27) Bis(2-Chloroethoxy)met...	10.510	93	62693	20.603	ng/ul		97
29) 2,4-Dichlorophenol	10.763	162	46280	20.908	ng/ul		93
30) Naphthalene	11.180	128	147756	20.489	ng/ul		96
32) 4-Chloroaniline	11.274	127	63106	20.176	ng/ul		94
33) Hexachlorobutadiene	11.474	225	37737	20.081	ng/ul		96
34) Caprolactam	12.032	113	14092m	21.028	ng/ul		
35) 4-Chloro-3-methylphenol	12.372	107	51673	20.834	ng/ul		87
36) 2-Methylnaphthalene	12.772	142	105632	20.532	ng/ul		99

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37) 1-Methylnaphthalene	12.983	142	109005	20.406	ng/ul	91
39) 1,2,4,5-Tetrachloroben...	13.130	216	69125	20.495	ng/ul	97
40) Hexachlorocyclopentadiene	13.118	237	48549	19.824	ng/ul	97
41) 2,4,6-Trichlorophenol	13.359	196	44365	21.729	ng/ul	97
42) 2,4,5-Trichlorophenol	13.430	196	47135	22.027	ng/ul	99
43) 1,1'-Biphenyl	13.759	154	150905	20.316	ng/ul#	95
44) 2-Chloronaphthalene	13.806	162	115466	20.107	ng/ul	98
45) 2-Nitroaniline	13.994	65	35565	20.273	ng/ul#	87
47) Dimethylphthalate	14.364	163	155749	20.670	ng/ul	100
48) 2,6-Dinitrotoluene	14.475	165	30325	21.053	ng/ul	93
50) Acenaphthylene	14.646	152	191291	20.284	ng/ul	99
51) 3-Nitroaniline	14.804	138	31279	22.710	ng/ul	96
52) Acenaphthene	14.987	153	125436	20.133	ng/ul	97
53) 2,4-Dinitrophenol	15.004	184	17092	20.527	ng/ul#	26
55) 4-Nitrophenol	15.092	109	28120	20.766	ng/ul	87
56) Dibenzofuran	15.315	168	183528	20.002	ng/ul	99
57) 2,4-Dinitrotoluene	15.257	165	43438	21.277	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.539	232	42354	20.826	ng/ul	93
59) Diethylphthalate	15.721	149	157103	20.015	ng/ul	95
61) Fluorene	15.968	166	149763	19.809	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.956	204	85232	20.241	ng/ul	95
63) 4-Nitroaniline	15.962	138	30223	21.395	ng/ul	91
66) 4,6-Dinitro-2-methylph...	16.026	198	25886	21.593	ng/ul#	94
67) N-Nitrosodiphenylamine	16.161	169	132172	20.973	ng/ul	96
68) 4-Bromophenyl-phenylether	16.849	248	54433	22.813	ng/ul#	83
69) Hexachlorobenzene	16.972	284	63407	21.147	ng/ul#	91
70) Atrazine	17.101	200	59937	21.195	ng/ul	98
71) Pentachlorophenol	17.307	266	40285	21.928	ng/ul	95
72) Phenanthrene	17.712	178	254155	21.090	ng/ul	99
74) Anthracene	17.800	178	252483	20.739	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.729	216	78586	21.802	ng/uL	97
76) Pentachlorobenzene	15.239	250	73790	21.415	ng/uL	98
77) Carbazole	18.059	167	233505	21.419	ng/ul	97
78) Di-n-butylphthalate	18.617	149	271949	20.728	ng/ul	100
80) Fluoranthene	19.710	202	326442	21.565	ng/ul#	88
82) Pyrene	20.068	202	325057	21.699	ng/ul#	89
83) Butylbenzylphthalate	20.949	149	108192	21.536	ng/ul#	97
84) 3,3'-Dichlorobenzidine	21.865	252	115042	22.278	ng/ul#	99
85) Benzo(a)anthracene	21.971	228	300391	21.072	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.865	149	148155	21.054	ng/ul#	97
87) Chrysene	22.036	228	289224	21.000	ng/ul	98
89) Di-n-octyl phthalate	23.187	149	243665	21.066	ng/ul	100
90) Benzo(b)fluoranthene	24.374	252	301029	20.928	ng/ul#	95
91) Benzo(k)fluoranthene	24.450	252	277390	20.593	ng/ul#	94
93) Benzo(a)pyrene	25.331	252	282312	20.796	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.537	276	308484	20.814	ng/ul#	88
95) Dibenzo(a,h)anthracene	29.614	278	260736	20.598	ng/ul#	90
96) Benzo(g,h,i)perylene	30.806	276	259879	20.692	ng/ul#	86

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

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