Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051427.D
Acq On : 9 Dec 2021 9:54
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 09 22:12:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 03:21:41 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020582

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.187	152	27147	20.000	ng/ul	0.00
20) Naphthalene-d8	11.013	136	120035	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.821	164	80287	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.570	188	178689	20.000	ng/ul	0.00
79) Chrysene-d12	21.871	240	158535	20.000	ng/ul	0.00
88) Perylene-d12	25.267	264	156228	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.528	96	6206	7.507	ng/uL	0.00
4) Pyridine-d5	3.969	84	40903	17.231	ng/ul	0.00
7) Phenol-d5	7.359	99	49870	18.045	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.506	67	31975	18.042	ng/ul	0.00
11) 2-Chlorophenol-d4	7.723	132	36594	18.611	ng/ul	0.00
15) 4-Methylphenol-d8	8.910	113	39122	18.020	ng/ul	0.00
21) Nitrobenzene-d5	9.368	128	19465	18.694	ng/ul	0.00
24) 2-Nitrophenol-d4	10.097	143	20866	17.709	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.649	165	35677	18.612	ng/ul	0.00
31) 4-Chloroaniline-d4	11.160	131	50906	18.157	ng/ul	0.00
46) Dimethylphthalate-d6	14.216	166	116732	18.790	ng/ul	0.00
49) Acenaphthylene-d8	14.515	160	150476	19.125	ng/ul	0.00
54) 4-Nitrophenol-d4	15.068	143	14732	15.750	ng/ul	0.00
60) Fluorene-d10	15.814	176	106276	19.217	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.955	200	19006	17.899	ng/ul	0.00
73) Anthracene-d10	17.670	188	165566	19.803	ng/ul	0.00
81) Pyrene-d10	19.950	212	190737	20.017	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.038	264	156682	19.444	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.563	88	6781	7.351	ng/uL	92
5) Pyridine	3.986	79	43976	17.748	ng/ul	99
6) Benzaldehyde	7.324	77	36656	20.864	ng/ul	96
8) Phenol	7.388	94	50804	17.960	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.600	93	39900	18.416	ng/ul	99
12) 2-Chlorophenol	7.758	128	37474	18.606	ng/ul	99
13) 2-Methylphenol	8.646	108	37283	17.703	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.704	45	60188	18.461	ng/ul	99
16) Acetophenone	9.022	105	62597	18.620	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.986	70	36997	18.357	ng/ul	97
18) 4-Methylphenol	8.975	108	40519	18.314	ng/ul	99
19) Hexachloroethane	9.268	117	15612	17.927	ng/ul	92
22) Nitrobenzene	9.409	77	53193	18.777	ng/ul	97
23) Isophorone	9.927	82	100480	18.475	ng/ul	98
25) 2-Nitrophenol	10.126	139	22208	18.823	ng/ul	96
26) 2,4-Dimethylphenol	10.185	107	45551	18.231	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.402	93	55361	18.795	ng/ul	98
29) 2,4-Dichlorophenol	10.679	162	36142	19.231	ng/ul	96
30) Naphthalene	11.066	128	124489	18.885	ng/ul	97
32) 4-Chloroaniline	11.184	127	51673	18.322	ng/ul	98
33) Hexachlorobutadiene	11.325	225	23892	18.638	ng/ul	99
34) Caprolactam	11.965	113	13625m	17.496	ng/ul	
35) 4-Chloro-3-methylphenol	12.312	107	43289	18.544	ng/ul	97
36) 2-Methylnaphthalene	12.659	142	82746	18.824	ng/ul	98

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37)	1-Methylnaphthalene	12.876	142	87256	19.285	ng/ul	95
39)	1,2,4,5-Tetrachloroben...	13.023	216	47527	19.011	ng/ul	98
40)	Hexachlorocyclopentadiene	12.988	237	24207	18.286	ng/ul#	97
41)	2,4,6-Trichlorophenol	13.276	196	30199	18.700	ng/ul	96
42)	2,4,5-Trichlorophenol	13.364	196	30413	17.591	ng/ul	97
43)	1,1'-Biphenyl	13.652	154	115693	19.275	ng/ul	97
44)	2-Chloronaphthalene	13.704	162	90876	19.296	ng/ul	99
45)	2-Nitroaniline	13.922	65	32780	18.415	ng/ul	94
47)	Dimethylphthalate	14.263	163	116689	18.637	ng/ul	99
48)	2,6-Dinitrotoluene	14.404	165	24624	18.585	ng/ul	99
50)	Acenaphthylene	14.551	152	147312	18.974	ng/ul	98
51)	3-Nitroaniline	14.744	138	25624	20.083	ng/ul	96
52)	Acenaphthene	14.885	153	97451	19.130	ng/ul	98
53)	2,4-Dinitrophenol	14.979	184	12039m	17.570	ng/ul	
55)	4-Nitrophenol	15.085	109	22936m	24.650	ng/ul	
56)	Dibenzofuran	15.220	168	137666	19.061	ng/ul	97
57)	2,4-Dinitrotoluene	15.197	165	36548	19.299	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	15.455	232	24753	18.896	ng/ul	96
59)	Diethylphthalate	15.614	149	124749	18.461	ng/ul	99
61)	Fluorene	15.867	166	111957	19.141	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.849	204	58519	19.057	ng/ul	97
63)	4-Nitroaniline	15.914	138	23373	20.637	ng/ul	93
66)	4,6-Dinitro-2-methylph...	15.966	198	18266	17.693	ng/ul#	98
67)	N-Nitrosodiphenylamine	16.066	169	98489	19.772	ng/ul	98
68)	4-Bromophenyl-phenylether	16.742	248	36202	20.065	ng/ul	94
69)	Hexachlorobenzene	16.871	284	36337	19.758	ng/ul	97
70)	Atrazine	17.012	200	41815	19.455	ng/ul	99
71)	Pentachlorophenol	17.236	266	14895m	18.708	ng/ul	
72)	Phenanthrene	17.617	178	192062	19.949	ng/ul	99
74)	Anthracene	17.706	178	193914	20.121	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.628	216	50190	20.086	ng/uL	98
76)	Pentachlorobenzene	15.138	250	46070	20.365	ng/uL	99
77)	Carbazole	17.982	167	173383	20.210	ng/ul	98
78)	Di-n-butylphthalate	18.499	149	225504	19.606	ng/ul	100
80)	Fluoranthene	19.615	202	235818	20.099	ng/ul	99
82)	Pyrene	19.979	202	233912	20.316	ng/ul	98
83)	Butylbenzylphthalate	20.837	149	96074	19.132	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.760	252	62052	18.535	ng/ul	99
85)	Benzo(a)anthracene	21.854	228	205771	19.649	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.707	149	135132	19.374	ng/ul	98
87)	Chrysene	21.924	228	195381	19.566	ng/ul	98
89)	Di-n-octyl phthalate	22.964	149	228830	19.917	ng/ul	100
90)	Benzo(b)fluoranthene	24.186	252	201619	19.647	ng/ul	98
91)	Benzo(k)fluoranthene	24.251	252	184177	19.270	ng/ul	99
93)	Benzo(a)pyrene	25.109	252	190847	19.525	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	29.192	276	205086	18.906	ng/ul	99
95)	Dibenzo(a,h)anthracene	29.251	278	172818	18.899	ng/ul	99
96)	Benzo(g,h,i)perylene	30.432	276	169605	18.696	ng/ul	97

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

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