Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121620\
Data File : BG047749.D
Acq On : 16 Dec 2020 8:50
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020005

Manual Integrations APPROVED
mohammad
12/17/2020 11:37:17 AM

Quant Time: Dec 16 09:57:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 11 14:20:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	27797	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	108862	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.83	164	82054	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	213287	20.00	ng/ul	0.00
79) Chrysene-d12	21.83	240	225317	20.00	ng/ul	0.00
88) Perylene-d12	25.18	264	241664	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	5172m	8.19	ng/uL	0.00
4) Pyridine-d5	3.96	84	36243	20.21	ng/ul	0.00
7) Phenol-d5	7.33	99	46116	19.77	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.51	67	25464	20.73	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	36111	20.48	ng/ul	0.00
15) 4-Methylphenol-d8	8.90	113	36388	20.52	ng/ul	0.00
21) Nitrobenzene-d5	9.37	128	17572	19.18	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	20834	19.98	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	43003	19.53	ng/ul	0.00
31) 4-Chloroaniline-d4	11.15	131	55272	21.56	ng/ul	0.00
46) Dimethylphthalate-d6	14.21	166	141424	20.88	ng/ul	0.00
49) Acenaphthylene-d8	14.52	160	161256	20.82	ng/ul	0.00
54) 4-Nitrophenol-d4	15.00	143	20919	20.28	ng/ul	0.00
60) Fluorene-d10	15.81	176	130761	20.68	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.92	200	28766	19.71	ng/ul	0.00
73) Anthracene-d10	17.66	188	213390	20.58	ng/ul	0.00
81) Pyrene-d10	19.93	212	263352	21.59	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.95	264	282326	20.82	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	5553	8.519	ng/uL#	78
5) Pyridine	3.97	79	34431m	20.467	ng/ul	
6) Benzaldehyde	7.33	77	20065	18.728	ng/ul	96
8) Phenol	7.37	94	45916	20.038	ng/ul	88
10) Bis(2-Chloroethyl)ether	7.61	93	32384	20.320	ng/ul#	85
12) 2-Chlorophenol	7.76	128	36818	21.045	ng/ul	97
13) 2-Methylphenol	8.63	108	36371	20.864	ng/ul	82
14) 2,2'-oxybis(1-Chloropropan	8.72	45	31094	20.963	ng/ul	95
16) Acetophenone	9.03	105	63078	21.175	ng/ul	97
17) N-Nitroso-di-n-propylamine	9.00	70	32140	19.650	ng/ul#	97
18) 4-Methylphenol	8.96	108	40960	21.411	ng/ul	85
19) Hexachloroethane	9.30	117	16672	19.461	ng/ul	82
22) Nitrobenzene	9.41	77	56257	20.626	ng/ul#	78
23) Isophorone	9.93	82	97689	20.621	ng/ul#	97
25) 2-Nitrophenol	10.12	139	22294	20.462	ng/ul	91
26) 2,4-Dimethylphenol	10.18	107	52105	20.373	ng/ul	91
27) Bis(2-Chloroethoxy)methane	10.41	93	44773	19.801	ng/ul#	90
29) 2,4-Dichlorophenol	10.67	162	41327	20.453	ng/ul	89
30) Naphthalene	11.08	128	122929	20.438	ng/ul	98
32) 4-Chloroaniline	11.18	127	50755	20.714	ng/ul#	85
33) Hexachlorobutadiene	11.36	225	41753	19.243	ng/ul#	83
34) Caprolactam	11.93	113	12489m	18.247	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.28	107	47894	21.504	ng/ul#	96
36) 2-Methylnaphthalene	12.67	142	94808	20.890	ng/ul	100
37) 1-Methylnaphthalene	12.89	142	89839	20.717	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	71521	21.165	ng/ul	93
40) Hexachlorocyclopentadiene	13.01	237	42367	19.122	ng/ul	95
41) 2,4,6-Trichlorophenol	13.26	196	45114	22.263	ng/ul	96
42) 2,4,5-Trichlorophenol	13.33	196	44673	20.815	ng/ul	99
43) 1,1'-Biphenyl	13.66	154	130715	20.625	ng/ul#	98
44) 2-Chloronaphthalene	13.71	162	105043	21.056	ng/ul	98
45) 2-Nitroaniline	13.90	65	36821	21.488	ng/ul	93
47) Dimethylphthalate	14.26	163	143871	20.734	ng/ul	98
48) 2,6-Dinitrotoluene	14.38	165	30523	20.820	ng/ul	95
50) Acenaphthylene	14.55	152	153967	21.100	ng/ul	98
51) 3-Nitroaniline	14.71	138	17977	17.079	ng/ul#	91
52) Acenaphthene	14.89	153	111535	21.507	ng/ul	97
53) 2,4-Dinitrophenol	14.92	184	13885	15.966	ng/ul#	64
55) 4-Nitrophenol	15.01	109	34998	20.011	ng/ul	94
56) Dibenzofuran	15.22	168	159067	21.175	ng/ul	99
57) 2,4-Dinitrotoluene	15.17	165	44185	21.029	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.44	232	42893	21.581	ng/ul#	93
59) Diethylphthalate	15.62	149	138957	20.230	ng/ul	99
61) Fluorene	15.87	166	137036	21.224	ng/ul#	94
62) 4-Chlorophenyl-phenylether	15.85	204	86382	21.391	ng/ul	97
63) 4-Nitroaniline	15.87	138	14647	14.801	ng/ul#	90
66) 4,6-Dinitro-2-methylphenol	15.93	198	28987	19.563	ng/ul#	90
67) N-Nitrosodiphenylamine	16.06	169	125044	21.070	ng/ul	95
68) 4-Bromophenyl-phenylether	16.74	248	59128	21.592	ng/ul	96
69) Hexachlorobenzene	16.86	284	64680	21.515	ng/ul	91
70) Atrazine	17.00	200	57682	20.402	ng/ul	91
71) Pentachlorophenol	17.20	266	25127	17.782	ng/ul	93
72) Phenanthrene	17.60	178	238557	20.598	ng/ul	95
74) Anthracene	17.69	178	245292	21.201	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.63	216	71145	20.582	ng/uL	92
76) Pentachlorobenzene	15.14	250	70796	20.990	ng/uL	98
77) Carbazole	17.96	167	195155	20.692	ng/ul	98
78) Di-n-butylphthalate	18.50	149	231032	19.972	ng/ul	100
80) Fluoranthene	19.60	202	326280	21.128	ng/ul	99
82) Pyrene	19.95	202	324890	21.310	ng/ul	98
83) Butylbenzylphthalate	20.82	149	107066	20.131	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.72	252	106093	19.124	ng/ul#	90
85) Benzo(a)anthracene	21.81	228	323857	20.363	ng/ul	96
86) Bis(2-ethylhexyl)phthalate	21.69	149	150161	20.484	ng/ul	93
87) Chrysene	21.88	228	311671	20.652	ng/ul	98
89) Di-n-octyl phthalate	22.95	149	255682	20.105	ng/ul	100
90) Benzo(b)fluoranthene	24.11	252	350905m	20.775	ng/ul	
91) Benzo(k)fluoranthene	24.18	252	339057	20.318	ng/ul	100
93) Benzo(a)pyrene	25.03	252	306002	20.542	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.02	276	383140m	20.785	ng/ul	
95) Dibenzo(a,h)anthracene	29.09	278	320721	20.950	ng/ul	95
96) Benzo(g,h,i)perylene	30.22	276	316104	20.822	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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