Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113020\
Data File : BG047487.D
Acq On : 30 Nov 2020 14:34
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020065

Manual Integrations APPROVED
mohammad
12/1/2020 10:42:27 AM

Quant Time: Nov 30 15:14:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG111820.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 30 10:51:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	30885	20.00	ng/ul	0.00
20) Naphthalene-d8	11.10	136	115600	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.88	164	88889	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.61	188	217479	20.00	ng/ul	0.00
79) Chrysene-d12	21.90	240	220868	20.00	ng/ul	0.00
88) Perylene-d12	25.31	264	233083	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	5092	6.53	ng/uL	0.00
4) Pyridine-d5	4.04	84	38062	15.90	ng/ul	0.00
7) Phenol-d5	7.40	99	50635	17.11	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.58	67	27939	16.13	ng/ul	0.00
11) 2-Chlorophenol-d4	7.79	132	38498	19.06	ng/ul	0.00
15) 4-Methylphenol-d8	8.96	113	39061	17.00	ng/ul	0.00
21) Nitrobenzene-d5	9.44	128	18906	19.70	ng/ul	0.00
24) 2-Nitrophenol-d4	10.16	143	23203	23.11	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.71	165	46526	20.14	ng/ul	0.00
31) 4-Chloroaniline-d4	11.22	131	51951	18.21	ng/ul	0.00
46) Dimethylphthalate-d6	14.28	166	146145	19.66	ng/ul	0.00
49) Acenaphthylene-d8	14.58	160	168166	19.83	ng/ul	0.00
54) 4-Nitrophenol-d4	15.04	143	21053	19.40	ng/ul	0.00
60) Fluorene-d10	15.87	176	133718	19.91	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.97	200	25184	21.86	ng/ul	0.00
73) Anthracene-d10	17.71	188	213644	20.29	ng/ul	0.00
81) Pyrene-d10	19.98	212	252003	20.22	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.07	264	261944	20.39	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	5416	6.006	ng/uL	94
5) Pyridine	4.06	79	38009	16.345	ng/ul#	90
6) Benzaldehyde	7.39	77	26815	18.302	ng/ul#	84
8) Phenol	7.43	94	48821	16.975	ng/ul	88
10) Bis(2-Chloroethyl)ether	7.67	93	35693	16.801	ng/ul	96
12) 2-Chlorophenol	7.83	128	37038	18.233	ng/ul	93
13) 2-Methylphenol	8.70	108	38035	17.140	ng/ul	85
14) 2,2'-oxybis(1-Chloropropan	8.80	45	35037	14.858	ng/ul#	90
16) Acetophenone	9.10	105	66304	17.600	ng/ul	96
17) N-Nitroso-di-n-propylamine	9.07	70	34875	15.407	ng/ul#	98
18) 4-Methylphenol	9.02	108	38943	16.268	ng/ul	92
19) Hexachloroethane	9.37	117	18202	19.450	ng/ul	95
22) Nitrobenzene	9.48	77	58780	19.811	ng/ul	96
23) Isophorone	10.00	82	104334	17.715	ng/ul#	94
25) 2-Nitrophenol	10.19	139	23429	21.604	ng/ul#	77
26) 2,4-Dimethylphenol	10.24	107	53817	18.883	ng/ul#	95
27) Bis(2-Chloroethoxy)methane	10.48	93	47371	16.539	ng/ul	95
29) 2,4-Dichlorophenol	10.73	162	40971	19.502	ng/ul	93
30) Naphthalene	11.15	128	126633	19.545	ng/ul	97
32) 4-Chloroaniline	11.24	127	50358	18.556	ng/ul	95
33) Hexachlorobutadiene	11.43	225	44835	22.634	ng/ul	87
34) Caprolactam	11.99	113	14421m	18.106	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.34	107	48429	18.260	ng/ul	94
36) 2-Methylnaphthalene	12.73	142	96314	19.619	ng/ul	96
37) 1-Methylnaphthalene	12.95	142	91727	19.336	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	71889	20.926	ng/ul	97
40) Hexachlorocyclopentadiene	13.07	237	45158	18.512	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.33	196	44472	21.084	ng/ul	86
42) 2,4,5-Trichlorophenol	13.39	196	43669	19.648	ng/ul	92
43) 1,1'-Biphenyl	13.72	154	132403	19.861	ng/ul	99
44) 2-Chloronaphthalene	13.77	162	106511	20.029	ng/ul	96
45) 2-Nitroaniline	13.95	65	37631	20.660	ng/ul	91
47) Dimethylphthalate	14.32	163	147819	19.532	ng/ul	97
48) 2,6-Dinitrotoluene	14.44	165	29592	20.900	ng/ul	99
50) Acenaphthylene	14.61	152	154265	19.367	ng/ul	96
51) 3-Nitroaniline	14.77	138	23674	20.318	ng/ul	94
52) Acenaphthene	14.95	153	109834	19.175	ng/ul	89
53) 2,4-Dinitrophenol	14.97	184	13003	17.944	ng/ul#	88
55) 4-Nitrophenol	15.06	109	35489	22.520	ng/ul	99
56) Dibenzofuran	15.28	168	165356	20.214	ng/ul	100
57) 2,4-Dinitrotoluene	15.22	165	44881	22.623	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.49	232	43801	21.377	ng/ul#	88
59) Diethylphthalate	15.68	149	147574	19.374	ng/ul	93
61) Fluorene	15.92	166	137188	19.592	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.91	204	84615	19.919	ng/ul	96
63) 4-Nitroaniline	15.92	138	22284	19.104	ng/ul#	72
66) 4,6-Dinitro-2-methylphenol	15.99	198	26824	22.051	ng/ul	94
67) N-Nitrosodiphenylamine	16.12	169	124122	20.062	ng/ul	95
68) 4-Bromophenyl-phenylether	16.80	248	57965	21.241	ng/ul	91
69) Hexachlorobenzene	16.92	284	60716	20.862	ng/ul	93
70) Atrazine	17.05	200	57791	21.006	ng/ul	97
71) Pentachlorophenol	17.26	266	27199	17.307	ng/ul	94
72) Phenanthrene	17.66	178	235832	20.353	ng/ul	99
74) Anthracene	17.75	178	239522	20.491	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.69	216	73281	21.488	ng/uL	93
76) Pentachlorobenzene	15.19	250	74488	22.171	ng/uL	98
77) Carbazole	18.01	167	198042	20.968	ng/ul	98
78) Di-n-butylphthalate	18.55	149	232234	18.872	ng/ul#	97
80) Fluoranthene	19.65	202	317588	20.164	ng/ul#	96
82) Pyrene	20.01	202	308448	19.798	ng/ul#	96
83) Butylbenzylphthalate	20.88	149	104509	19.028	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.79	252	111337	19.982	ng/ul#	98
85) Benzo(a)anthracene	21.88	228	308133	19.956	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.77	149	143300	18.721	ng/ul#	96
87) Chrysene	21.95	228	291022	19.631	ng/ul	96
89) Di-n-octyl phthalate	23.04	149	246185	19.110	ng/ul	100
90) Benzo(b)fluoranthene	24.22	252	329013	20.347	ng/ul	99
91) Benzo(k)fluoranthene	24.29	252	318982m	20.531	ng/ul	
93) Benzo(a)pyrene	25.15	252	292501	20.366	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.21	276	352526m	20.335	ng/ul	
95) Dibenzo(a,h)anthracene	29.28	278	292856	20.556	ng/ul#	98
96) Benzo(g,h,i)perylene	30.43	276	291930	20.318	ng/ul#	96

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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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