Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047803.D
Acq On : 23 Dec 2020 17:52
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 23 18:33:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 23 13:42:29 2020
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SSTD02004

Manual Integrations APPROVED
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12/24/2020 10:44:12 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	28444	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	108029	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	82981	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	210239	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	206495	20.00	ng/ul	0.00
86) Perylene-d12	25.17	264	214843	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	4790	8.97	ng/uL	0.00
5) Phenol-d5	7.34	99	47924	19.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	26324	21.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	35001	18.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	37934	19.63	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	17968	20.40	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	21336	20.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	43102	18.70	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	43977	20.77	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	132651	18.40	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	158020	19.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	20283	18.97	ng/ul	0.00
58) Fluorene-d10	15.80	176	125704	18.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	26771	18.81	ng/ul	0.00
71) Anthracene-d10	17.65	188	207577m	19.79	ng/ul	0.00
79) Pyrene-d10	19.92	212	242891	19.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	248740	19.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	5440	9.875	ng/uL	90
4) Benzaldehyde	7.32	77	17295	13.388	ng/ul	94
6) Phenol	7.36	94	46725	20.316	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.60	93	32853	20.530	ng/ul#	85
10) 2-Chlorophenol	7.75	128	36434	20.045	ng/ul#	89
11) 2-Methylphenol	8.63	108	35913	19.644	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.73	45	30053	20.052	ng/ul#	88
14) Acetophenone	9.02	105	60462	19.834	ng/ul	93
15) N-Nitroso-di-n-propylamine	9.00	70	31149	18.490	ng/ul#	80
16) 4-Methylphenol	8.96	108	37752	19.332	ng/ul	92
17) Hexachloroethane	9.30	117	16682	18.773	ng/ul#	78
20) Nitrobenzene	9.40	77	52580	18.864	ng/ul	92
21) Isophorone	9.93	82	95595	19.959	ng/ul	95
23) 2-Nitrophenol	10.13	139	22276	20.517	ng/ul	96
24) 2,4-Dimethylphenol	10.17	107	49256	18.942	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.40	93	41852	19.077	ng/ul	99
27) 2,4-Dichlorophenol	10.66	162	39666	20.345	ng/ul	91
28) Naphthalene	11.07	128	117034	19.428	ng/ul	96
30) 4-Chloroaniline	11.17	127	38697	19.780	ng/ul	97
31) Hexachlorobutadiene	11.36	225	42989	20.192	ng/ul	96
32) Caprolactam	11.91	113	12709	19.350	ng/ul#	81
33) 4-Chloro-3-methylphenol	12.27	107	43624	18.378	ng/ul#	91
34) 2-Methylnaphthalene	12.67	142	87999	18.961	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.88	142	104700	19.458	ng/uL	96
37) 1,2,4,5-Tetrachlorobenzene	13.03	216	64391	19.526	ng/ul	97
38) Hexachlorocyclopentadiene	13.01	237	39853	17.308	ng/ul	97
39) 2,4,6-Trichlorophenol	13.26	196	42714	19.837	ng/ul#	79
40) 2,4,5-Trichlorophenol	13.33	196	41982	18.849	ng/ul	94
41) 1,1'-Biphenyl	13.65	154	123929	19.840	ng/ul	99
42) 2-Chloronaphthalene	13.71	162	100609	19.893	ng/ul	97
43) 2-Nitroaniline	13.89	65	33160	18.348	ng/ul#	88
45) Dimethylphthalate	14.26	163	135876	18.609	ng/ul	97
46) 2,6-Dinitrotoluene	14.38	165	27971	17.908	ng/ul	98
48) Acenaphthylene	14.55	152	145891	19.104	ng/ul#	96
49) 3-Nitroaniline	14.71	138	19205	18.021	ng/ul#	94
50) Acenaphthene	14.88	153	104833	19.422	ng/ul	97
51) 2,4-Dinitrophenol	14.92	184	16077	17.828	ng/ul	94
53) 4-Nitrophenol	15.00	109	32760	18.620	ng/ul	92
54) Dibenzofuran	15.22	168	151852	19.282	ng/ul	94
55) 2,4-Dinitrotoluene	15.17	165	42956	19.491	ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	15.43	232	40092	19.242	ng/ul#	93
57) Diethylphthalate	15.61	149	131870	18.504	ng/ul	97
59) Fluorene	15.86	166	124892	18.547	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.84	204	78100	18.559	ng/ul	97
61) 4-Nitroaniline	15.86	138	20358	17.123	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.93	198	28056	19.553	ng/ul#	97
65) N-Nitrosodiphenylamine	16.06	169	116576	20.116	ng/ul	94
66) 4-Bromophenyl-phenylether	16.74	248	53936	19.894	ng/ul	94
67) Hexachlorobenzene	16.87	284	60275	20.385	ng/ul	98
68) Atrazine	16.99	200	52278	19.471	ng/ul	96
69) Pentachlorophenol	17.20	266	27484	21.498	ng/ul#	86
70) Phenanthrene	17.59	178	226695	19.894	ng/ul	98
72) Anthracene	17.69	178	223336	19.663	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.62	216	68046	20.655	ng/uL	92
74) Pentachlorobenzene	15.13	250	66097	20.127	ng/uL	97
75) Carbazole	17.95	167	184908	20.414	ng/ul	95
76) Di-n-butylphthalate	18.49	149	219810	18.996	ng/ul	98
77) Fluoranthene	19.59	202	306787	21.159	ng/ul	100
80) Pyrene	19.95	202	294996	19.642	ng/ul	99
81) Butylbenzylphthalate	20.81	149	100801	20.172	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.71	252	90755	19.232	ng/ul#	99
83) Benzo(a)anthracene	21.81	228	284894	19.311	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.69	149	138924	19.809	ng/ul	98
85) Chrysene	21.88	228	273035	19.609	ng/ul	98
87) Di-n-octyl phthalate	22.94	149	231598	20.455	ng/ul	100
88) Benzo(b)fluoranthene	24.10	252	311589	20.776	ng/ul	96
89) Benzo(k)fluoranthene	24.18	252	293085	19.719	ng/ul#	97
91) Benzo(a)pyrene	25.02	252	265329	19.618	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	28.99	276	333300m	20.208	ng/ul	
93) Dibenzo(a,h)anthracene	29.06	278	267631	19.359	ng/ul#	97
94) Benzo(g,h,i)perylene	30.20	276	269365	19.893	ng/ul#	96

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

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