Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047388.D
Acq On : 20 Nov 2020 23:42
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02036

Manual Integrations APPROVED
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11/23/2020 1:30:01 PM

Quant Time: Nov 21 04:08:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 21 01:27:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	50241	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	198503	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	148727	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	372227	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	325265	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	345337	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	8188	5.92	ng/uL	0.00
5) Phenol-d5	7.41	99	92257	18.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	49692	17.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	61979	18.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	69603	17.98	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	33049	20.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	36600	20.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	80823	19.73	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	87828	21.20	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	237298	18.59	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	280977	19.04	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	37677	19.34	ng/ul	0.00
58) Fluorene-d10	15.87	176	221995	18.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	39799	18.78	ng/ul	0.00
71) Anthracene-d10	17.72	188	352870	19.11	ng/ul	0.00
79) Pyrene-d10	19.98	212	370673	19.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	371412	18.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	9504	6.664	ng/uL#	79
4) Benzaldehyde	7.40	77	56266	18.906	ng/ul	99
6) Phenol	7.43	94	91068	18.866	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.68	93	62132	17.437	ng/ul#	86
10) 2-Chlorophenol	7.83	128	64000	18.767	ng/ul	96
11) 2-Methylphenol	8.70	108	70741	18.864	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.80	45	66538	17.753	ng/ul#	89
14) Acetophenone	9.10	105	109223	18.315	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.08	70	64477	17.921	ng/ul#	95
16) 4-Methylphenol	9.03	108	74313	18.882	ng/ul	93
17) Hexachloroethane	9.37	117	30191	18.838	ng/ul	93
20) Nitrobenzene	9.49	77	100176	18.890	ng/ul	96
21) Isophorone	10.01	82	178709	17.681	ng/ul	98
23) 2-Nitrophenol	10.20	139	37675	19.371	ng/ul	91
24) 2,4-Dimethylphenol	10.24	107	90512	18.334	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.49	93	87313	17.960	ng/ul	99
27) 2,4-Dichlorophenol	10.74	162	70601	19.413	ng/ul	98
28) Naphthalene	11.15	128	207437	18.450	ng/ul	99
30) 4-Chloroaniline	11.25	127	80421	20.370	ng/ul#	88
31) Hexachlorobutadiene	11.44	225	67147	19.625	ng/ul#	89
32) Caprolactam	11.99	113	24906m	18.789	ng/ul	
33) 4-Chloro-3-methylphenol	12.34	107	87369	19.439	ng/ul	98
34) 2-Methylnaphthalene	12.74	142	157734	18.932	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.95	142	184634	18.855	ng/uL#	99
37) 1,2,4,5-Tetrachlorobenzene	13.09	216	114426	19.579	ng/ul	98
38) Hexachlorocyclopentadiene	13.08	237	70700	17.385	ng/ul	99
39) 2,4,6-Trichlorophenol	13.32	196	74941	20.649	ng/ul#	92
40) 2,4,5-Trichlorophenol	13.39	196	77230	20.497	ng/ul	93
41) 1,1'-Biphenyl	13.72	154	217792	18.879	ng/ul	97
42) 2-Chloronaphthalene	13.78	162	175429	19.183	ng/ul	99
43) 2-Nitroaniline	13.96	65	65002	19.543	ng/ul	90
45) Dimethylphthalate	14.33	163	240088	18.435	ng/ul	97
46) 2,6-Dinitrotoluene	14.45	165	48599	19.487	ng/ul	95
48) Acenaphthylene	14.61	152	262541	19.143	ng/ul	97
49) 3-Nitroaniline	14.77	138	42420	21.782	ng/ul#	86
50) Acenaphthene	14.95	153	187143	19.454	ng/ul	93
51) 2,4-Dinitrophenol	14.97	184	26485	19.929	ng/ul	93
53) 4-Nitrophenol	15.06	109	57665	20.447	ng/ul	94
54) Dibenzofuran	15.28	168	264881	18.747	ng/ul	100
55) 2,4-Dinitrotoluene	15.23	165	68313	19.306	ng/ul#	91
56) 2,3,4,6-Tetrachlorophenol	15.50	232	74023	20.513	ng/ul	94
57) Diethylphthalate	15.68	149	236389	18.502	ng/ul	97
59) Fluorene	15.93	166	222287	18.674	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.91	204	134045	18.747	ng/ul	92
61) 4-Nitroaniline	15.93	138	46502	20.393	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.98	198	42802	19.305	ng/ul#	99
65) N-Nitrosodiphenylamine	16.12	169	200977	18.916	ng/ul	96
66) 4-Bromophenyl-phenylether	16.80	248	94618	20.010	ng/ul	98
67) Hexachlorobenzene	16.92	284	99508	20.117	ng/ul#	93
68) Atrazine	17.05	200	88442	18.912	ng/ul	93
69) Pentachlorophenol	17.26	266	62510	21.605	ng/ul	92
70) Phenanthrene	17.66	178	375244	18.668	ng/ul	99
72) Anthracene	17.75	178	385432	19.040	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.69	216	118045	20.174	ng/uL	97
74) Pentachlorobenzene	15.20	250	114838	20.414	ng/uL	94
75) Carbazole	18.01	167	315471	19.319	ng/ul	99
76) Di-n-butylphthalate	18.56	149	386699	18.591	ng/ul	98
77) Fluoranthene	19.65	202	469992	18.514	ng/ul	99
80) Pyrene	20.01	202	451773	19.608	ng/ul	99
81) Butylbenzylphthalate	20.88	149	158127	19.541	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.78	252	145388	19.147	ng/ul	97
83) Benzo(a)anthracene	21.88	228	439537	18.992	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.77	149	222839	19.756	ng/ul	98
85) Chrysene	21.95	228	421616	19.144	ng/ul	99
87) Di-n-octyl phthalate	23.05	149	375340	19.624	ng/ul	100
88) Benzo(b)fluoranthene	24.22	252	456895	18.739	ng/ul	97
89) Benzo(k)fluoranthene	24.29	252	439218	18.279	ng/ul	96
91) Benzo(a)pyrene	25.14	252	403181	18.549	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	29.21	276	493858m	18.679	ng/ul	
93) Dibenzo(a,h)anthracene	29.29	278	417442	19.257	ng/ul	98
94) Benzo(g,h,i)perylene	30.43	276	413033m	18.932	ng/ul	

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

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