Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047379.D
Acq On : 20 Nov 2020 17:39
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02035

Manual Integrations APPROVED
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11/23/2020 1:29:39 PM

Quant Time: Nov 21 02:08:23 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	8.27	152	45698	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	180962	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	133498	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	333544	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	306461	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	327920	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	7707m	6.13	ng/uL	0.00
5) Phenol-d5	7.40	99	84641	18.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	47692	18.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	55954	18.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	64292	18.26	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	29809	19.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	30673	18.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	69040	18.49	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	72045	19.08	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	214098	18.68	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	256425	19.36	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	33219	19.00	ng/ul	0.00
58) Fluorene-d10	15.87	176	195811	18.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	36123	19.03	ng/ul	0.00
71) Anthracene-d10	17.72	188	317582	19.19	ng/ul	0.00
79) Pyrene-d10	19.98	212	355374	19.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	357157	18.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	8625	6.649	ng/uL#	54
4) Benzaldehyde	7.40	77	51699	19.098	ng/ul	98
6) Phenol	7.43	94	83694	19.062	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.68	93	57896	17.863	ng/ul	88
10) 2-Chlorophenol	7.83	128	57283	18.467	ng/ul	96
11) 2-Methylphenol	8.70	108	62165	18.225	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.80	45	61303	17.982	ng/ul#	90
14) Acetophenone	9.10	105	99425	18.330	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.08	70	56544	17.278	ng/ul#	96
16) 4-Methylphenol	9.03	108	68409	19.109	ng/ul	87
17) Hexachloroethane	9.37	117	28181	19.332	ng/ul	94
20) Nitrobenzene	9.48	77	89213	18.453	ng/ul#	95
21) Isophorone	10.01	82	166428	18.062	ng/ul	98
23) 2-Nitrophenol	10.20	139	35737	20.156	ng/ul	98
24) 2,4-Dimethylphenol	10.25	107	84343	18.740	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.49	93	78814	17.783	ng/ul#	98
27) 2,4-Dichlorophenol	10.73	162	64557	19.472	ng/ul	94
28) Naphthalene	11.15	128	191031	18.638	ng/ul	98
30) 4-Chloroaniline	11.25	127	72105	20.034	ng/ul	90
31) Hexachlorobutadiene	11.43	225	59960	19.223	ng/ul	95
32) Caprolactam	11.99	113	22199m	18.370	ng/ul	
33) 4-Chloro-3-methylphenol	12.34	107	75324	18.384	ng/ul	95
34) 2-Methylnaphthalene	12.74	142	142187	18.720	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.95	142	170689	19.120 ng/uL#	99
37) 1,2,4,5-Tetrachlorobenzene	13.10	216	102849	19.606 ng/ul	92
38) Hexachlorocyclopentadiene	13.08	237	65856	18.041 ng/ul	91
39) 2,4,6-Trichlorophenol	13.32	196	63980	19.640 ng/ul	95
40) 2,4,5-Trichlorophenol	13.39	196	70543	20.858 ng/ul	94
41) 1,1'-Biphenyl	13.73	154	195533	18.883 ng/ul	94
42) 2-Chloronaphthalene	13.77	162	155245	18.913 ng/ul	97
43) 2-Nitroaniline	13.95	65	58043	19.441 ng/ul	93
45) Dimethylphthalate	14.32	163	218013	18.650 ng/ul	97
46) 2,6-Dinitrotoluene	14.44	165	45481	20.317 ng/ul#	96
48) Acenaphthylene	14.61	152	234998	19.089 ng/ul	100
49) 3-Nitroaniline	14.77	138	36589	20.931 ng/ul#	93
50) Acenaphthene	14.95	153	164749	19.080 ng/ul	93
51) 2,4-Dinitrophenol	14.97	184	22548	18.902 ng/ul#	94
53) 4-Nitrophenol	15.05	109	50521	19.957 ng/ul	87
54) Dibenzofuran	15.28	168	241260	19.023 ng/ul	96
55) 2,4-Dinitrotoluene	15.22	165	61272	19.291 ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.49	232	64522	19.920 ng/ul#	99
57) Diethylphthalate	15.68	149	212879	18.563 ng/ul	99
59) Fluorene	15.92	166	199155	18.639 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.91	204	121853	18.986 ng/ul	96
61) 4-Nitroaniline	15.92	138	39719	19.406 ng/ul#	83
64) 4,6-Dinitro-2-methylphenol	15.98	198	36187	18.214 ng/ul#	92
65) N-Nitrosodiphenylamine	16.12	169	184050	19.331 ng/ul	99
66) 4-Bromophenyl-phenylether	16.80	248	81356	19.200 ng/ul	92
67) Hexachlorobenzene	16.92	284	88633	19.996 ng/ul	90
68) Atrazine	17.05	200	80801	19.282 ng/ul	97
69) Pentachlorophenol	17.26	266	49470	19.081 ng/ul	94
70) Phenanthrene	17.66	178	348229	19.333 ng/ul	98
72) Anthracene	17.75	178	347954	19.182 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.70	216	101059	19.274 ng/uL	90
74) Pentachlorobenzene	15.19	250	100744	19.985 ng/uL	97
75) Carbazole	18.01	167	291616	19.929 ng/ul	99
76) Di-n-butylphthalate	18.56	149	348225	18.683 ng/ul	99
77) Fluoranthene	19.65	202	455276	20.014 ng/ul	99
80) Pyrene	20.01	202	434487	20.015 ng/ul#	97
81) Butylbenzylphthalate	20.88	149	151774	19.907 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.78	252	134111	18.745 ng/ul	99
83) Benzo(a)anthracene	21.88	228	412000	18.895 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.78	149	201900	18.998 ng/ul	100
85) Chrysene	21.95	228	400334	19.293 ng/ul	98
87) Di-n-octyl phthalate	23.05	149	355915	19.597 ng/ul	100
88) Benzo(b)fluoranthene	24.21	252	447312m	19.320 ng/ul	
89) Benzo(k)fluoranthene	24.28	252	426104	18.675 ng/ul	98
91) Benzo(a)pyrene	25.14	252	388530	18.824 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	29.20	276	470953	18.759 ng/ul#	90
93) Dibenzo(a,h)anthracene	29.28	278	393276	19.106 ng/ul#	96
94) Benzo(g,h,i)perylene	30.43	276	391537	18.900 ng/ul#	94

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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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