Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
Data File : BG047352.D
Acq On : 19 Nov 2020 13:02
Operator : CG/JU
Sample : SSTD08028
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD08028

Manual Integrations APPROVED
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11/23/2020 1:28:37 PM

Quant Time: Nov 19 13:38:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 13:02:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	38345	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	151774	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	116561	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	298265	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	276395	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	289922	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	30611	32.20	ng/uL	0.00
5) Phenol-d5	7.41	99	310591	93.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	163320	85.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	206184	79.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	234906	88.47	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	105421	82.87	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	118096	79.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	258166	89.03	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	265306	107.30	ng/ul	0.00
44) Dimethylphthalate-d6	14.29	166	769118	80.25	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	898577	79.25	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	127430	84.46	ng/ul	0.02
58) Fluorene-d10	15.87	176	708146	79.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.98	200	148348	72.12	ng/ul	0.00
71) Anthracene-d10	17.72	188	1115851	77.19	ng/ul	0.00
79) Pyrene-d10	19.98	212	1263707	80.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.08	264	1325846	83.18	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	29937	29.371	ng/uL#	49
4) Benzaldehyde	7.40	77	179045	81.093	ng/ul	97
6) Phenol	7.44	94	292997	90.216	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.68	93	212156	83.362	ng/ul	91
10) 2-Chlorophenol	7.83	128	203205	79.061	ng/ul	93
11) 2-Methylphenol	8.70	108	227402	91.298	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.80	45	224555	59.383	ng/ul	93
14) Acetophenone	9.10	105	357155	88.052	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.09	70	216073	98.451	ng/ul#	98
16) 4-Methylphenol	9.04	108	238745	91.261	ng/ul	99
17) Hexachloroethane	9.37	117	93136	78.553	ng/ul	96
20) Nitrobenzene	9.49	77	328066	95.508	ng/ul	97
21) Isophorone	10.02	82	612137	98.951	ng/ul	97
23) 2-Nitrophenol	10.20	139	122974	80.688	ng/ul	98
24) 2,4-Dimethylphenol	10.25	107	300284	96.923	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.49	93	294355	84.320	ng/ul#	96
27) 2,4-Dichlorophenol	10.74	162	226993	82.999	ng/ul	98
28) Naphthalene	11.15	128	678938	79.627	ng/ul	100
30) 4-Chloroaniline	11.25	127	251182	106.797	ng/ul#	88
31) Hexachlorobutadiene	11.44	225	207223	86.362	ng/ul	97
32) Caprolactam	12.01	113	84171m	90.338	ng/ul	
33) 4-Chloro-3-methylphenol	12.34	107	282177	100.354	ng/ul	98
34) 2-Methylnaphthalene	12.74	142	503996	82.850	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.96	142	586738	82.313 ng/uL#	99
37) 1,2,4,5-Tetrachlorobenzene	13.10	216	351089	77.332 ng/ul	98
38) Hexachlorocyclopentadiene	13.08	237	260702	91.582 ng/ul	98
39) 2,4,6-Trichlorophenol	13.32	196	234384	84.665 ng/ul	98
40) 2,4,5-Trichlorophenol	13.40	196	245670	86.597 ng/ul	96
41) 1,1'-Biphenyl	13.73	154	685062	74.494 ng/ul	98
42) 2-Chloronaphthalene	13.77	162	545406	73.532 ng/ul	93
43) 2-Nitroaniline	13.96	65	219447	98.399 ng/ul	88
45) Dimethylphthalate	14.33	163	766856	79.730 ng/ul#	97
46) 2,6-Dinitrotoluene	14.45	165	167406	80.415 ng/ul	97
48) Acenaphthylene	14.61	152	817052	77.026 ng/ul	97
49) 3-Nitroaniline	14.78	138	131368	96.592 ng/ul#	99
50) Acenaphthene	14.95	153	596510	77.726 ng/ul	95
51) 2,4-Dinitrophenol	14.97	184	98518	91.539 ng/ul#	73
53) 4-Nitrophenol	15.07	109	183283	118.806 ng/ul	91
54) Dibenzofuran	15.28	168	833321	74.613 ng/ul	99
55) 2,4-Dinitrotoluene	15.23	165	234564	82.028 ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	15.50	232	241967	81.234 ng/ul#	96
57) Diethylphthalate	15.69	149	774729	80.371 ng/ul	98
59) Fluorene	15.93	166	710961	77.554 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.91	204	442663	84.159 ng/ul	97
61) 4-Nitroaniline	15.94	138	146717	93.110 ng/ul	87
64) 4,6-Dinitro-2-methylphenol	15.99	198	152425	71.879 ng/ul#	89
65) N-Nitrosodiphenylamine	16.12	169	656129	76.114 ng/ul	98
66) 4-Bromophenyl-phenylether	16.81	248	295981	74.810 ng/ul	92
67) Hexachlorobenzene	16.92	284	311464	74.378 ng/ul	91
68) Atrazine	17.06	200	290486	78.083 ng/ul	95
69) Pentachlorophenol	17.26	266	199968	83.735 ng/ul	99
70) Phenanthrene	17.66	178	1233701	73.747 ng/ul	98
72) Anthracene	17.76	178	1207681	71.836 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.70	216	373301	74.505 ng/uL	97
74) Pentachlorobenzene	15.20	250	353954	73.683 ng/uL	98
75) Carbazole	18.02	167	1026037	79.450 ng/ul	95
76) Di-n-butylphthalate	18.56	149	1241294	72.049 ng/ul	98
77) Fluoranthene	19.65	202	1565652	77.759 ng/ul#	97
80) Pyrene	20.01	202	1504542	79.545 ng/ul	100
81) Butylbenzylphthalate	20.88	149	562680	80.989 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.78	252	545052	107.768 ng/ul	98
83) Benzo(a)anthracene	21.88	228	1497459	79.974 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.78	149	778828	80.812 ng/ul	99
85) Chrysene	21.95	228	1431338	79.455 ng/ul	96
87) Di-n-octyl phthalate	23.06	149	1298985	80.038 ng/ul	100
88) Benzo(b)fluoranthene	24.22	252	1637774	85.041 ng/ul#	99
89) Benzo(k)fluoranthene	24.30	252	1518368	81.363 ng/ul#	96
91) Benzo(a)pyrene	25.16	252	1420140	81.888 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	29.22	276	1777938	82.494 ng/ul	99
93) Dibenzo(a,h)anthracene	29.30	278	1413839	80.872 ng/ul	97
94) Benzo(g,h,i)perylene	30.47	276	1462564	81.195 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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