Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047502.D
Acq On : 1 Dec 2020 18:28
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02067

Manual Integrations APPROVED
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12/2/2020 2:26:04 PM

Quant Time: Dec 02 04:09:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	25660	20.00	ng/ul	-0.01
18) Naphthalene-d8	11.09	136	107389	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.88	164	90112	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.61	188	232656m	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	223390	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	235384	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	3790	5.37	ng/uL	0.00
5) Phenol-d5	7.40	99	44766	17.40	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.57	67	23478	16.00	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.79	132	34087	19.75	ng/ul	-0.01
13) 4-Methylphenol-d8	8.95	113	36229	18.32	ng/ul	-0.01
19) Nitrobenzene-d5	9.43	128	16492	18.59	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.16	143	20323	21.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	42325	19.10	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.22	131	44968	20.07	ng/ul	-0.01
44) Dimethylphthalate-d6	14.27	166	141383	18.28	ng/ul	-0.01
47) Acenaphthylene-d8	14.58	160	161564	18.07	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	20919	17.72	ng/ul	0.00
58) Fluorene-d10	15.86	176	130904	18.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	27635	20.87	ng/ul	0.00
71) Anthracene-d10	17.71	188	210848	18.27	ng/ul	-0.01
79) Pyrene-d10	19.98	212	253242	19.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	256644	18.94	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	4554	6.252	ng/uL#	79
4) Benzaldehyde	7.40	77	28478	18.736	ng/ul	95
6) Phenol	7.43	94	42991	17.437	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.67	93	29508	16.214	ng/ul	91
10) 2-Chlorophenol	7.83	128	31919	18.326	ng/ul	92
11) 2-Methylphenol	8.70	108	34766	18.152	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.80	45	29313m	15.313	ng/ul	
14) Acetophenone	9.09	105	59579	19.561	ng/ul	91
15) N-Nitroso-di-n-propylamine	9.07	70	33241	18.090	ng/ul	96
16) 4-Methylphenol	9.02	108	36409	18.113	ng/ul	87
17) Hexachloroethane	9.37	117	15693	19.172	ng/ul	94
20) Nitrobenzene	9.48	77	51175	17.837	ng/ul	98
21) Isophorone	10.00	82	96825	17.708	ng/ul#	97
23) 2-Nitrophenol	10.19	139	19990	18.998	ng/ul#	78
24) 2,4-Dimethylphenol	10.24	107	49731	18.620	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.48	93	42917	16.318	ng/ul	97
27) 2,4-Dichlorophenol	10.73	162	37878	19.252	ng/ul	91
28) Naphthalene	11.15	128	111708	18.366	ng/ul	97
30) 4-Chloroaniline	11.24	127	42776	20.028	ng/ul	91
31) Hexachlorobutadiene	11.43	225	37905	20.478	ng/ul	87
32) Caprolactam	11.99	113	12523	17.463	ng/ul#	76
33) 4-Chloro-3-methylphenol	12.33	107	44589	18.338	ng/ul#	96
34) 2-Methylnaphthalene	12.73	142	86391	19.167	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.94	142	102094	19.271	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	13.09	216	64643	18.256	ng/ul	93
38) Hexachlorocyclopentadiene	13.07	237	44400	18.020	ng/ul#	98
39) 2,4,6-Trichlorophenol	13.32	196	40267	18.312	ng/ul	94
40) 2,4,5-Trichlorophenol	13.39	196	42569	18.646	ng/ul	98
41) 1,1'-Biphenyl	13.72	154	127025	18.173	ng/ul	98
42) 2-Chloronaphthalene	13.77	162	100221	18.088	ng/ul	95
43) 2-Nitroaniline	13.95	65	37489	18.603	ng/ul#	89
45) Dimethylphthalate	14.32	163	140984	17.867	ng/ul	98
46) 2,6-Dinitrotoluene	14.44	165	30086	19.911	ng/ul	97
48) Acenaphthylene	14.61	152	148488	17.870	ng/ul	96
49) 3-Nitroaniline	14.77	138	22002	18.647	ng/ul	97
50) Acenaphthene	14.94	153	105555	18.110	ng/ul	98
51) 2,4-Dinitrophenol	14.97	184	16026	19.903	ng/ul#	84
53) 4-Nitrophenol	15.05	109	36380	21.290	ng/ul	97
54) Dibenzofuran	15.27	168	157599	18.409	ng/ul	98
55) 2,4-Dinitrotoluene	15.22	165	43940	20.495	ng/ul#	92
56) 2,3,4,6-Tetrachlorophenol	15.49	232	41815	19.125	ng/ul#	97
57) Diethylphthalate	15.67	149	142124	18.360	ng/ul	100
59) Fluorene	15.92	166	131416	18.221	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.90	204	81357	18.780	ng/ul	91
61) 4-Nitroaniline	15.92	138	24696	17.875	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.98	198	27881	20.119	ng/ul	92
65) N-Nitrosodiphenylamine	16.12	169	118704	17.874	ng/ul	94
66) 4-Bromophenyl-phenylether	16.80	248	54394	18.404	ng/ul	96
67) Hexachlorobenzene	16.92	284	61817	19.994	ng/ul	95
68) Atrazine	17.05	200	56191m	19.224	ng/ul	
69) Pentachlorophenol	17.26	266	31151	17.226	ng/ul	92
70) Phenanthrene	17.66	178	235374m	18.734	ng/ul	
72) Anthracene	17.75	178	231909	18.329	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.69	216	69486	19.000	ng/uL	93
74) Pentachlorobenzene	15.19	250	69739	19.834	ng/uL	93
75) Carbazole	18.01	167	190672	18.681	ng/ul	97
76) Di-n-butylphthalate	18.55	149	238186	18.321	ng/ul	98
77) Fluoranthene	19.65	202	316844	19.969	ng/ul	98
80) Pyrene	20.01	202	308386	19.489	ng/ul	99
81) Butylbenzylphthalate	20.88	149	102582	18.458	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.78	252	102556	19.665	ng/ul#	96
83) Benzo(a)anthracene	21.87	228	298176	18.760	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.76	149	140301	18.111	ng/ul#	98
85) Chrysene	21.94	228	285190	18.855	ng/ul	94
87) Di-n-octyl phthalate	23.04	149	231967	17.793	ng/ul	100
88) Benzo(b)fluoranthene	24.21	252	316688	19.055	ng/ul#	99
89) Benzo(k)fluoranthene	24.28	252	293649	17.930	ng/ul	96
91) Benzo(a)pyrene	25.14	252	276471	18.661	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.20	276	331828	18.413	ng/ul	97
93) Dibenzo(a,h)anthracene	29.28	278	276296m	18.700	ng/ul	
94) Benzo(g,h,i)perylene	30.42	276	273880	18.418	ng/ul	97

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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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