Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102620\
Data File : BG047070.D
Acq On : 26 Oct 2020 9:37
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02036

Manual Integrations APPROVED
mohammad
10/26/2020 2:05:44 PM

Quant Time: Oct 26 10:39:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 26 10:36:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	53822	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	207027	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	142917	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	338883	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	348122	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	360743	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	8596	6.44	ng/uL	0.00
5) Phenol-d5	7.22	99	87857	18.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	51856	19.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	67647	18.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	69591	18.67	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	33987	19.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	37201	18.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	77236	19.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	66871	19.83	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	219522	18.68	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	271280	19.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	32097	17.35	ng/ul	0.00
58) Fluorene-d10	15.68	176	209975	19.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	42088	18.01	ng/ul	0.00
71) Anthracene-d10	17.53	188	322128	19.61	ng/ul	0.00
79) Pyrene-d10	19.82	212	392798	19.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.71	264	391564	19.74	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	9757	6.820	ng/uL#	87
4) Benzaldehyde	7.20	77	53111	17.138	ng/ul	96
6) Phenol	7.24	94	86395	18.952	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.47	93	70019	19.601	ng/ul	95
10) 2-Chlorophenol	7.62	128	67960	18.838	ng/ul	97
11) 2-Methylphenol	8.50	108	62872	17.983	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.58	45	102604	19.331	ng/ul	96
14) Acetophenone	8.88	105	106165	18.647	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.87	70	55888	18.142	ng/ul	98
16) 4-Methylphenol	8.83	108	69795	19.008	ng/ul	95
17) Hexachloroethane	9.15	117	31892	19.164	ng/ul	95
20) Nitrobenzene	9.27	77	91971	19.629	ng/ul	95
21) Isophorone	9.78	82	159232	18.870	ng/ul	97
23) 2-Nitrophenol	9.98	139	39191	18.852	ng/ul	97
24) 2,4-Dimethylphenol	10.03	107	82136	19.436	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.27	93	90466	18.998	ng/ul	97
27) 2,4-Dichlorophenol	10.51	162	72729	19.496	ng/ul	93
28) Naphthalene	10.92	128	225939	19.426	ng/ul	99
30) 4-Chloroaniline	11.02	127	62176	19.380	ng/ul	95
31) Hexachlorobutadiene	11.21	225	64645	19.751	ng/ul	95
32) Caprolactam	11.77	113	21446	16.874	ng/ul	90
33) 4-Chloro-3-methylphenol	12.14	107	73058	19.048	ng/ul	92
34) 2-Methylnaphthalene	12.52	142	163933	19.756	ng/ul	96

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35) 1-Methylnaphthalene	12.74	142	190583	19.601	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	113126	20.322	ng/ul	95
38) Hexachlorocyclopentadiene	12.87	237	65901	18.881	ng/ul	98
39) 2,4,6-Trichlorophenol	13.13	196	63461	18.696	ng/ul	98
40) 2,4,5-Trichlorophenol	13.20	196	70059	20.141	ng/ul	89
41) 1,1'-Biphenyl	13.53	154	221139	19.612	ng/ul	96
42) 2-Chloronaphthalene	13.57	162	182755	20.095	ng/ul	96
43) 2-Nitroaniline	13.77	65	51375	18.788	ng/ul	97
45) Dimethylphthalate	14.14	163	221575	18.789	ng/ul	99
46) 2,6-Dinitrotoluene	14.25	165	47886	18.760	ng/ul	92
48) Acenaphthylene	14.41	152	259974	19.989	ng/ul	96
49) 3-Nitroaniline	14.58	138	30123	18.064	ng/ul#	88
50) Acenaphthene	14.75	153	182608	19.406	ng/ul	96
51) 2,4-Dinitrophenol	14.79	184	24473	18.546	ng/ul	91
53) 4-Nitrophenol	14.89	109	35792	18.922	ng/ul	88
54) Dibenzofuran	15.09	168	272186	19.877	ng/ul	94
55) 2,4-Dinitrotoluene	15.04	165	67010	19.112	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	15.31	232	66114	18.103	ng/ul	90
57) Diethylphthalate	15.50	149	220638	18.668	ng/ul	99
59) Fluorene	15.74	166	223143	19.852	ng/ul	91
60) 4-Chlorophenyl-phenylether	15.73	204	126467	19.610	ng/ul	98
61) 4-Nitroaniline	15.75	138	33226	17.197	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.81	198	42971	17.835	ng/ul#	97
65) N-Nitrosodiphenylamine	15.94	169	191586	19.561	ng/ul	97
66) 4-Bromophenyl-phenylether	16.62	248	86135	19.161	ng/ul	97
67) Hexachlorobenzene	16.74	284	92788	19.502	ng/ul	99
68) Atrazine	16.88	200	82244	19.458	ng/ul	96
69) Pentachlorophenol	17.08	266	48954	18.042	ng/ul	96
70) Phenanthrene	17.47	178	377766	19.875	ng/ul	99
72) Anthracene	17.57	178	380860	19.939	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	113182	19.882	ng/uL	98
74) Pentachlorobenzene	15.01	250	109476	20.058	ng/uL	99
75) Carbazole	17.83	167	302557	20.620	ng/ul	97
76) Di-n-butylphthalate	18.38	149	376347	19.226	ng/ul	99
77) Fluoranthene	19.48	202	480600	21.008	ng/ul	99
80) Pyrene	19.85	202	481818	20.225	ng/ul	99
81) Butylbenzylphthalate	20.72	149	165041	18.861	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.59	252	133588	20.971	ng/ul	97
83) Benzo(a)anthracene	21.68	228	464866	19.712	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	238095	19.615	ng/ul	97
85) Chrysene	21.75	228	448825	19.781	ng/ul	96
87) Di-n-octyl phthalate	22.80	149	405729	20.091	ng/ul	100
88) Benzo(b)fluoranthene	23.91	252	472768	19.729	ng/ul	98
89) Benzo(k)fluoranthene	23.97	252	454219	19.561	ng/ul	96
91) Benzo(a)pyrene	24.78	252	424143	19.656	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	28.62	276	518066	19.319	ng/ul	99
93) Dibenzo(a,h)anthracene	28.67	278	420721m	19.341	ng/ul	
94) Benzo(g,h,i)perylene	29.77	276	429277	19.153	ng/ul	96

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

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