Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047042.D
Acq On : 22 Oct 2020 21:47
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02033

Manual Integrations APPROVED
mohammad
10/26/2020 10:32:33 AM

Quant Time: Oct 23 04:38:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 22 05:48:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	54572	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	215374	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	154321	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	370627	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	386123	20.00	ng/ul	0.00
86) Perylene-d12	24.93	264	409586	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	9216	6.81	ng/uL	0.00
5) Phenol-d5	7.21	99	91499	19.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	52892	19.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	70569	19.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	73892	19.55	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	36384	20.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	41716	19.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	84207	20.46	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	68857	19.62	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	244945	19.30	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	289312	19.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	35350	17.70	ng/ul	0.00
58) Fluorene-d10	15.68	176	229811	19.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	47368	18.53	ng/ul	0.00
71) Anthracene-d10	17.53	188	349928	19.48	ng/ul	0.00
79) Pyrene-d10	19.81	212	439434	19.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.71	264	441874	19.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	11076	7.636	ng/uL	90
4) Benzaldehyde	7.20	77	58359m	18.572	ng/ul	
6) Phenol	7.24	94	93558	20.241	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.48	93	72433	19.998	ng/ul	92
10) 2-Chlorophenol	7.62	128	71396	19.518	ng/ul	96
11) 2-Methylphenol	8.50	108	69418	19.583	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.59	45	108339	20.131	ng/ul#	94
14) Acetophenone	8.88	105	115990	20.093	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.86	70	61956	19.835	ng/ul	93
16) 4-Methylphenol	8.83	108	74970	20.136	ng/ul	87
17) Hexachloroethane	9.15	117	32844	19.464	ng/ul	99
20) Nitrobenzene	9.27	77	94798	19.448	ng/ul	95
21) Isophorone	9.78	82	166802	19.001	ng/ul	99
23) 2-Nitrophenol	9.98	139	43593	20.157	ng/ul	95
24) 2,4-Dimethylphenol	10.03	107	86231	19.614	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.27	93	95877	19.354	ng/ul	99
27) 2,4-Dichlorophenol	10.51	162	77294	19.916	ng/ul	95
28) Naphthalene	10.92	128	236058	19.510	ng/ul	98
30) 4-Chloroaniline	11.02	127	64246	19.250	ng/ul	99
31) Hexachlorobutadiene	11.21	225	67337	19.776	ng/ul	94
32) Caprolactam	11.77	113	23820m	18.016	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	79028	19.806	ng/ul#	86
34) 2-Methylnaphthalene	12.52	142	169280	19.610	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.74	142	200278	19.800	ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	117297	19.514	ng/ul	98
38) Hexachlorocyclopentadiene	12.87	237	71414	18.949	ng/ul	100
39) 2,4,6-Trichlorophenol	13.12	196	70316	19.185	ng/ul	92
40) 2,4,5-Trichlorophenol	13.20	196	73505	19.570	ng/ul	99
41) 1,1'-Biphenyl	13.53	154	236331	19.411	ng/ul	95
42) 2-Chloronaphthalene	13.57	162	192105	19.563	ng/ul	98
43) 2-Nitroaniline	13.77	65	57521	19.481	ng/ul	95
45) Dimethylphthalate	14.14	163	246000	19.318	ng/ul	100
46) 2,6-Dinitrotoluene	14.26	165	53574	19.438	ng/ul	96
48) Acenaphthylene	14.41	152	270717	19.277	ng/ul	98
49) 3-Nitroaniline	14.58	138	35311	19.611	ng/ul	94
50) Acenaphthene	14.76	153	196742	19.363	ng/ul	98
51) 2,4-Dinitrophenol	14.80	184	25782	18.094	ng/ul	94
53) 4-Nitrophenol	14.88	109	40864	20.007	ng/ul	95
54) Dibenzofuran	15.08	168	283351	19.163	ng/ul	99
55) 2,4-Dinitrotoluene	15.04	165	74120	19.578	ng/ul#	93
56) 2,3,4,6-Tetrachlorophenol	15.31	232	76338	19.358	ng/ul#	88
57) Diethylphthalate	15.50	149	250494	19.628	ng/ul	98
59) Fluorene	15.74	166	238629	19.661	ng/ul	93
60) 4-Chlorophenyl-phenylether	15.72	204	136277	19.569	ng/ul	98
61) 4-Nitroaniline	15.74	138	39594	18.979	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.81	198	49377	18.739	ng/ul	93
65) N-Nitrosodiphenylamine	15.94	169	204757	19.115	ng/ul	99
66) 4-Bromophenyl-phenylether	16.62	248	93857	19.091	ng/ul	97
67) Hexachlorobenzene	16.74	284	104255	20.036	ng/ul	98
68) Atrazine	16.88	200	90374	19.550	ng/ul	94
69) Pentachlorophenol	17.08	266	53564	18.050	ng/ul	94
70) Phenanthrene	17.48	178	405604	19.512	ng/ul	98
72) Anthracene	17.56	178	406864	19.476	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	118506	19.034	ng/uL	96
74) Pentachlorobenzene	15.01	250	116198	19.466	ng/uL	99
75) Carbazole	17.83	167	324272	20.207	ng/ul	97
76) Di-n-butylphthalate	18.39	149	416265	19.444	ng/ul	99
77) Fluoranthene	19.48	202	523890	20.939	ng/ul	99
80) Pyrene	19.84	202	526238	19.916	ng/ul	99
81) Butylbenzylphthalate	20.72	149	185725	19.136	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.59	252	139218	19.704	ng/ul	93
83) Benzo(a)anthracene	21.68	228	517168	19.771	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	258190	19.177	ng/ul	99
85) Chrysene	21.75	228	503535	20.008	ng/ul	98
87) Di-n-octyl phthalate	22.79	149	446337	19.467	ng/ul	100
88) Benzo(b)fluoranthene	23.90	252	529668	19.468	ng/ul	97
89) Benzo(k)fluoranthene	23.97	252	519029	19.687	ng/ul	98
91) Benzo(a)pyrene	24.78	252	483864	19.749	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.62	276	594736	19.533	ng/ul	98
93) Dibenzo(a,h)anthracene	28.67	278	489894	19.835	ng/ul	97
94) Benzo(g,h,i)perylene	29.76	276	499596	19.632	ng/ul	96

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

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