Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041959.D
Acq On : 5 Aug 2019 1:55
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 60 Sample Multiplier: 1

Quant Time: Aug 05 10:26:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SSTD02082

Manual Integrations APPROVED
mohammad
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	72306	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	290242	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.70	164	200934	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	442335m	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	432306	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	458920	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	11697	7.08	ng/uL	0.00
5) Phenol-d5	7.19	99	112737	19.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	58929	18.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	99924	20.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	92577	19.43	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	48049	21.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	60891	24.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	119360	23.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	129814	22.84	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	320727	20.58	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	375749	21.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	54987	21.01	ng/ul	0.00
57) Fluorene-d10	15.69	176	294637	21.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	57898	20.40	ng/ul	0.00
70) Anthracene-d10	17.55	188	460919	21.72	ng/ul	0.00
78) Pyrene-d10	19.83	212	518514	21.49	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	552200	23.03	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	11687	6.826	ng/uL#	88
4) Benzaldehyde	7.16	77	56401	21.036	ng/ul	96
6) Phenol	7.21	94	118401	20.214	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.45	93	86329	19.373	ng/ul	95
10) 2-Chlorophenol	7.59	128	102762	20.897	ng/ul	99
11) 2-Methylphenol	8.47	108	91453	19.474	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.57	45	129149	17.134	ng/ul	96
14) Acetophenone	8.86	105	144563	19.730	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.84	70	68437	17.681	ng/ul	94
16) 4-Methylphenol	8.81	108	101085	19.925	ng/ul	92
17) Hexachloroethane	9.13	117	29976	14.720	ng/ul	83
20) Nitrobenzene	9.24	77	106636	21.429	ng/ul	94
21) Isophorone	9.77	82	172698	17.406	ng/ul	96
23) 2-Nitrophenol	9.96	139	64081	23.644	ng/ul	93
24) 2,4-Dimethylphenol	10.02	107	104972	19.631	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.25	93	117514	19.950	ng/ul	97
27) 2,4-Dichlorophenol	10.50	162	114891	22.624	ng/ul	98
28) Naphthalene	10.91	128	315540	21.265	ng/ul	99
30) 4-Chloroaniline	11.01	127	129986	22.761	ng/ul	98
31) Hexachlorobutadiene	11.21	225	81129	21.042	ng/ul	99
32) Caprolactam	11.76	113	31862m	19.392	ng/ul	
33) 4-Chloro-3-methylphenol	12.13	107	106105	21.206	ng/ul	98
34) 2-Methylnaphthalene	12.52	142	252404	21.402	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.89	216	170924	23.792 ng/ul	98
37) Hexachlorocyclopentadiene	12.88	237	85639	18.881 ng/ul#	95
38) 2,4,6-Trichlorophenol	13.12	196	107525	24.184 ng/ul	97
39) 2,4,5-Trichlorophenol	13.20	196	116628	23.517 ng/ul	99
40) 1,1'-Biphenyl	13.53	154	320435	21.932 ng/ul	97
41) 2-Chloronaphthalene	13.57	162	266951	22.691 ng/ul	100
42) 2-Nitroaniline	13.76	65	64798	21.055 ng/ul	96
44) Dimethylphthalate	14.14	163	314199	20.306 ng/ul	99
45) 2,6-Dinitrotoluene	14.26	165	74500	22.135 ng/ul	95
47) Acenaphthylene	14.41	152	377656	21.019 ng/ul	98
48) 3-Nitroaniline	14.59	138	62769	23.386 ng/ul	95
49) Acenaphthene	14.76	153	266323	21.199 ng/ul	98
50) 2,4-Dinitrophenol	14.80	184	46421	25.207 ng/ul	95
52) 4-Nitrophenol	14.90	109	42436	21.885 ng/ul	94
53) Dibenzofuran	15.10	168	407051	21.709 ng/ul	100
54) 2,4-Dinitrotoluene	15.05	165	103184	21.086 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.32	232	107908	22.960 ng/ul#	95
56) Diethylphthalate	15.51	149	295970	19.229 ng/ul	97
58) Fluorene	15.74	166	320714	21.236 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.74	204	190984	21.778 ng/ul	97
60) 4-Nitroaniline	15.75	138	67260	22.493 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.82	198	64493	21.094 ng/ul	96
64) N-Nitrosodiphenylamine	15.95	169	290448	22.132 ng/ul	99
65) 4-Bromophenyl-phenylether	16.63	248	135119	23.074 ng/ul	96
66) Hexachlorobenzene	16.76	284	126930m	21.581 ng/ul	
67) Atrazine	16.89	200	111348	20.245 ng/ul	99
68) Pentachlorophenol	17.10	266	85731m	26.763 ng/ul	
69) Phenanthrene	17.49	178	527628m	21.789 ng/ul	
71) Anthracene	17.58	178	529139	21.544 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.49	216	172472	24.468 ng/uL	98
73) Pentachlorobenzene	15.02	250	169323m	23.758 ng/uL	
74) Carbazole	17.85	167	462196	22.718 ng/ul	99
75) Di-n-butylphthalate	18.41	149	496663	19.807 ng/ul	99
76) Fluoranthene	19.50	202	644684	23.041 ng/ul	97
79) Pyrene	19.86	202	634049	21.804 ng/ul	98
80) Butylbenzylphthalate	20.75	149	225709	19.720 ng/ul	95
81) 3,3'-Dichlorobenzidine	21.62	252	233268	23.741 ng/ul#	97
82) Benzo(a)anthracene	21.71	228	657891	21.949 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	300092	19.216 ng/ul	99
84) Chrysene	21.78	228	609749	21.795 ng/ul	99
86) Di-n-octyl phthalate	22.85	149	540390	23.800 ng/ul	100
87) Benzo(b)fluoranthene	23.96	252	636239	22.092 ng/ul	98
88) Benzo(k)fluoranthene	24.03	252	643763	23.248 ng/ul	98
90) Benzo(a)pyrene	24.85	252	623376	22.715 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.74	276	603519	18.854 ng/ul	97
92) Dibenzo(a,h)anthracene	28.82	278	519210	19.885 ng/ul	98
93) Benzo(g,h,i)perylene	29.91	276	435838	16.308 ng/ul	97

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

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