Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041933.D
Acq On : 4 Aug 2019 8:39
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02080

Manual Integrations APPROVED
mohammad
8/5/2019 3:02:37 PM

Quant Time: Aug 04 09:48:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 03:32:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	79253	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	328171	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	227884	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	508334	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	498016	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	523712	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	13299	7.34	ng/uL	0.00
5) Phenol-d5	7.18	99	131434	21.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	70493	20.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	112684	21.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	106394	20.38	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	55128	22.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	67761	23.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	133257	23.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	140147	21.81	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	367600	20.80	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	437601	21.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	63093	21.26	ng/ul	0.00
57) Fluorene-d10	15.68	176	338953	21.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	65314	20.03	ng/ul	0.00
70) Anthracene-d10	17.55	188	529947	21.73	ng/ul	0.00
78) Pyrene-d10	19.83	212	608315	21.89	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	636073	23.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	14066	7.495	ng/uL	95
4) Benzaldehyde	7.16	77	58961	20.063	ng/ul	94
6) Phenol	7.21	94	135803	21.153	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.45	93	98598	20.187	ng/ul	98
10) 2-Chlorophenol	7.59	128	114100	21.168	ng/ul	96
11) 2-Methylphenol	8.47	108	107463	20.877	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.57	45	161138	19.504	ng/ul	97
14) Acetophenone	8.86	105	167882	20.904	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.84	70	81329	19.170	ng/ul	97
16) 4-Methylphenol	8.80	108	115631	20.794	ng/ul	97
17) Hexachloroethane	9.13	117	37993	17.022	ng/ul	91
20) Nitrobenzene	9.24	77	120669	21.447	ng/ul	94
21) Isophorone	9.77	82	211408	18.845	ng/ul	98
23) 2-Nitrophenol	9.96	139	70924	23.145	ng/ul	97
24) 2,4-Dimethylphenol	10.02	107	129609	21.437	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.25	93	137315	20.617	ng/ul	99
27) 2,4-Dichlorophenol	10.50	162	127274	22.166	ng/ul	98
28) Naphthalene	10.91	128	361825	21.566	ng/ul	99
30) 4-Chloroaniline	11.01	127	141513	21.916	ng/ul	99
31) Hexachlorobutadiene	11.21	225	90914	20.855	ng/ul	98
32) Caprolactam	11.76	113	37697m	20.292	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	120832	21.358	ng/ul	99
34) 2-Methylnaphthalene	12.52	142	288738	21.653	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.89	216	190976	23.439 ng/ul	98
37) Hexachlorocyclopentadiene	12.87	237	88309	17.167 ng/ul#	93
38) 2,4,6-Trichlorophenol	13.12	196	118069	23.415 ng/ul	97
39) 2,4,5-Trichlorophenol	13.20	196	128309	22.813 ng/ul	96
40) 1,1'-Biphenyl	13.53	154	367914	22.203 ng/ul	98
41) 2-Chloronaphthalene	13.57	162	300035	22.487 ng/ul	98
42) 2-Nitroaniline	13.76	65	76474	21.910 ng/ul	94
44) Dimethylphthalate	14.14	163	361665	20.609 ng/ul	99
45) 2,6-Dinitrotoluene	14.26	165	86783	22.735 ng/ul	94
47) Acenaphthylene	14.41	152	438136	21.501 ng/ul	99
48) 3-Nitroaniline	14.59	138	70186	23.057 ng/ul	87
49) Acenaphthene	14.76	153	306120	21.485 ng/ul	100
50) 2,4-Dinitrophenol	14.80	184	50429	24.145 ng/ul	94
52) 4-Nitrophenol	14.89	109	46938	21.344 ng/ul	98
53) Dibenzofuran	15.09	168	467469	21.983 ng/ul	100
54) 2,4-Dinitrotoluene	15.05	165	118948	21.432 ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.32	232	118161	22.168 ng/ul#	98
56) Diethylphthalate	15.51	149	345034	19.765 ng/ul	98
58) Fluorene	15.74	166	362603	21.170 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.73	204	218746	21.994 ng/ul	97
60) 4-Nitroaniline	15.75	138	76762	22.634 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.81	198	71401	20.321 ng/ul	99
64) N-Nitrosodiphenylamine	15.94	169	334521	22.181 ng/ul	99
65) 4-Bromophenyl-phenylether	16.63	248	153081	22.747 ng/ul	96
66) Hexachlorobenzene	16.75	284	144897	21.438 ng/ul	95
67) Atrazine	16.89	200	130807	20.696 ng/ul	98
68) Pentachlorophenol	17.09	266	89896	24.419 ng/ul	98
69) Phenanthrene	17.49	178	601482	21.614 ng/ul	99
71) Anthracene	17.58	178	611935	21.681 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.49	216	194198	23.973 ng/uL	97
73) Pentachlorobenzene	15.01	250	191074	23.329 ng/uL	98
74) Carbazole	17.85	167	529607	22.652 ng/ul	100
75) Di-n-butylphthalate	18.41	149	569831	19.775 ng/ul	99
76) Fluoranthene	19.50	202	754762	23.473 ng/ul	99
79) Pyrene	19.86	202	734342	21.921 ng/ul	98
80) Butylbenzylphthalate	20.74	149	261470	19.830 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.62	252	249326	22.027 ng/ul	98
82) Benzo(a)anthracene	21.71	228	753761	21.829 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	344398	19.143 ng/ul	100
84) Chrysene	21.78	228	705709	21.897 ng/ul	99
86) Di-n-octyl phthalate	22.85	149	613536	23.678 ng/ul	100
87) Benzo(b)fluoranthene	23.96	252	729480	22.196 ng/ul	99
88) Benzo(k)fluoranthene	24.03	252	757994	23.987 ng/ul	100
90) Benzo(a)pyrene	24.85	252	719684	22.980 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.73	276	720567	19.726 ng/ul	98
92) Dibenzo(a,h)anthracene	28.80	278	620434	20.822 ng/ul	98
93) Benzo(g,h,i)perylene	29.90	276	523614	17.169 ng/ul	98

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

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