Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080519\
Data File : BG041963.D
Acq On : 5 Aug 2019 13:33
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02084

Manual Integrations APPROVED
mohammad
8/6/2019 6:03:51 PM

Quant Time: Aug 06 04:49:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 15:44:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	81706	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	333795	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	231736	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	508511	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	498775	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	516426	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	12860	6.89	ng/uL	0.00
5) Phenol-d5	7.18	99	131806	20.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	70262	19.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	116271	21.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	108138	20.09	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	54848	21.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	69526	23.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	134399	22.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	147769	22.61	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	366432	20.39	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	435031	21.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	64656	21.42	ng/ul	0.00
57) Fluorene-d10	15.69	176	339264	21.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	69365	21.26	ng/ul	0.00
70) Anthracene-d10	17.55	188	527910	21.64	ng/ul	0.00
78) Pyrene-d10	19.83	212	599183	21.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	626408	23.22	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	12962	6.700	ng/uL	92
4) Benzaldehyde	7.16	77	63728	21.034	ng/ul	99
6) Phenol	7.21	94	136725	20.657	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.45	93	99610	19.782	ng/ul	95
10) 2-Chlorophenol	7.60	128	117861	21.210	ng/ul	97
11) 2-Methylphenol	8.48	108	106236	20.019	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.57	45	149399	17.540	ng/ul	97
14) Acetophenone	8.86	105	168295	20.326	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.85	70	79477	18.171	ng/ul	97
16) 4-Methylphenol	8.81	108	115384	20.127	ng/ul	92
17) Hexachloroethane	9.13	117	35359	15.366	ng/ul	87
20) Nitrobenzene	9.24	77	119885	20.948	ng/ul	97
21) Isophorone	9.77	82	201640	17.672	ng/ul#	97
23) 2-Nitrophenol	9.96	139	73493	23.579	ng/ul	95
24) 2,4-Dimethylphenol	10.02	107	119887	19.495	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.26	93	136719	20.182	ng/ul	97
27) 2,4-Dichlorophenol	10.50	162	131136	22.453	ng/ul	99
28) Naphthalene	10.91	128	365186	21.400	ng/ul	99
30) 4-Chloroaniline	11.01	127	153835	23.423	ng/ul	98
31) Hexachlorobutadiene	11.20	225	94669	21.350	ng/ul	99
32) Caprolactam	11.77	113	37115m	19.642	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	122539	21.295	ng/ul	96
34) 2-Methylnaphthalene	12.52	142	293961	21.673	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.89	216	195572	23.604	ng/ul	98
37) Hexachlorocyclopentadiene	12.87	237	101246	19.355	ng/ul	96
38) 2,4,6-Trichlorophenol	13.12	196	122993	23.986	ng/ul	98
39) 2,4,5-Trichlorophenol	13.20	196	134051	23.438	ng/ul	97
40) 1,1'-Biphenyl	13.52	154	370570	21.992	ng/ul	98
41) 2-Chloronaphthalene	13.57	162	304908	22.472	ng/ul	98
42) 2-Nitroaniline	13.76	65	76120	21.446	ng/ul	94
44) Dimethylphthalate	14.14	163	361307	20.247	ng/ul	97
45) 2,6-Dinitrotoluene	14.26	165	87293	22.489	ng/ul	94
47) Acenaphthylene	14.42	152	432941	20.893	ng/ul	98
48) 3-Nitroaniline	14.59	138	73055	23.600	ng/ul	92
49) Acenaphthene	14.76	153	308780	21.311	ng/ul	99
50) 2,4-Dinitrophenol	14.80	184	55311	26.042	ng/ul	100
52) 4-Nitrophenol	14.89	109	49292	22.042	ng/ul	97
53) Dibenzofuran	15.09	168	470347	21.751	ng/ul	98
54) 2,4-Dinitrotoluene	15.05	165	121587	21.544	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.32	232	122761	22.648	ng/ul	98
56) Diethylphthalate	15.51	149	344269	19.394	ng/ul	97
58) Fluorene	15.74	166	367727	21.113	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.73	204	221015	21.853	ng/ul	99
60) 4-Nitroaniline	15.75	138	79890	23.165	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.82	198	76118	21.656	ng/ul#	99
64) N-Nitrosodiphenylamine	15.94	169	338300	22.424	ng/ul	99
65) 4-Bromophenyl-phenylether	16.63	248	154246	22.912	ng/ul	96
66) Hexachlorobenzene	16.76	284	145693	21.548	ng/ul	96
67) Atrazine	16.90	200	127950	20.236	ng/ul	97
68) Pentachlorophenol	17.10	266	97622	26.509	ng/ul	95
69) Phenanthrene	17.49	178	604400	21.711	ng/ul	99
71) Anthracene	17.58	178	612236	21.684	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.49	216	199815	24.658	ng/uL	97
73) Pentachlorobenzene	15.02	250	198942	24.281	ng/uL	99
74) Carbazole	17.85	167	525377	22.463	ng/ul	99
75) Di-n-butylphthalate	18.41	149	563284	19.541	ng/ul	100
76) Fluoranthene	19.50	202	740907	23.034	ng/ul	96
79) Pyrene	19.86	202	730225	21.765	ng/ul	96
80) Butylbenzylphthalate	20.74	149	259117	19.622	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.62	252	273181	24.098	ng/ul	99
82) Benzo(a)anthracene	21.71	228	759329	21.957	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	340707	18.909	ng/ul	99
84) Chrysene	21.78	228	706526	21.889	ng/ul	99
86) Di-n-octyl phthalate	22.85	149	611582	23.936	ng/ul	100
87) Benzo(b)fluoranthene	23.96	252	734805	22.673	ng/ul	99
88) Benzo(k)fluoranthene	24.03	252	752053	24.135	ng/ul	99
90) Benzo(a)pyrene	24.85	252	711624	23.043	ng/ul#	98
91) Indeno(1,2,3-cd)pyrene	28.75	276	703492	19.530	ng/ul	97
92) Dibenzo(a,h)anthracene	28.81	278	598629	20.374	ng/ul	98
93) Benzo(g,h,i)perylene	29.90	276	498579	16.579	ng/ul	96

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

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