Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046730.D
Acq On : 2 Oct 2020 9:15
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02021

Manual Integrations APPROVED
mohammad
10/5/2020 10:19:18 AM

Quant Time: Oct 02 10:06:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 10:06:22 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	74780	20.00	ng/ul	0.00
18) Naphthalene-d8	10.923	136	305178	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.736	164	216582	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.480	188	508762	20.00	ng/ul	0.00
78) Chrysene-d12	21.757	240	547028	20.00	ng/ul	0.00
86) Perylene-d12	25.030	264	569809	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.537	96	12058	7.92	ng/uL	0.00
5) Phenol-d5	7.256	99	114974	17.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.433	67	71126	18.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.638	132	82543	17.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.807	113	88898	17.76	ng/ul	0.00
19) Nitrobenzene-d5	9.272	128	40971	17.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.994	143	41136	17.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.535	165	94029	17.22	ng/ul	0.00
29) 4-Chloroaniline-d4	11.052	131	117314	18.07	ng/ul	0.00
44) Dimethylphthalate-d6	14.136	166	284421	17.19	ng/ul	0.00
47) Acenaphthylene-d8	14.430	160	336517	17.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.906	143	45968	16.29	ng/ul	0.00
58) Fluorene-d10	15.723	176	258566	16.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.829	200	41057	16.15	ng/ul	0.00
71) Anthracene-d10	17.579	188	399988	17.14	ng/ul	0.00
79) Pyrene-d10	19.859	212	493776	17.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.800	264	522596	17.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.572	88	13649	6.99	ng/uL#	86
4) Benzaldehyde	7.245	77	84059	18.62	ng/ul	96
6) Phenol	7.286	94	119950	17.89	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.527	93	92740	17.96	ng/ul	93
10) 2-Chlorophenol	7.673	128	86591	18.18	ng/ul	95
11) 2-Methylphenol	8.543	108	88340	17.87	ng/ul	97
12) 2,2'-oxybis(1-Chloropr...	8.643	45	143034	17.61	ng/ul	98
14) Acetophenone	8.931	105	148683	18.32	ng/ul	96
15) N-Nitroso-di-n-propyla...	8.919	70	78087	17.82	ng/ul	92
16) 4-Methylphenol	8.866	108	94364	17.90	ng/ul	91
17) Hexachloroethane	9.207	117	38626	17.46	ng/ul	95
20) Nitrobenzene	9.313	77	114707	17.60	ng/ul	94
21) Isophorone	9.842	82	213210	16.40	ng/ul	99
23) 2-Nitrophenol	10.030	139	47322	18.71	ng/ul	99
24) 2,4-Dimethylphenol	10.082	107	108881	17.19	ng/ul	97
25) Bis(2-Chloroethoxy)met...	10.323	93	126461	16.70	ng/ul	96
27) 2,4-Dichlorophenol	10.564	162	93611	17.61	ng/ul	94
28) Naphthalene	10.975	128	291539	17.25	ng/ul	97
30) 4-Chloroaniline	11.075	127	114050	18.05	ng/ul	97
31) Hexachlorobutadiene	11.263	225	77917	17.06	ng/ul	99
32) Caprolactam	11.822	113	30823m	16.80	ng/ul	
33) 4-Chloro-3-methylphenol	12.180	107	99524	17.13	ng/ul	99
34) 2-Methylnaphthalene	12.574	142	211982	17.16	ng/ul	97
35) 1-Methylnaphthalene	12.791	142	203390	16.99	ng/uL	98
37) 1,2,4,5-Tetrachloroben...	12.938	216	140756	17.75	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.920	237	85510	16.68	ng/ul#	99
39) 2,4,6-Trichlorophenol	13.167	196	83845	17.87	ng/ul	93
40) 2,4,5-Trichlorophenol	13.238	196	85255	17.12	ng/ul	93
41) 1,1'-Biphenyl	13.572	154	288511	17.32	ng/ul	99
42) 2-Chloronaphthalene	13.614	162	228762	17.14	ng/ul	95
43) 2-Nitroaniline	13.807	65	66545	18.83	ng/ul	98
45) Dimethylphthalate	14.183	163	293663	17.53	ng/ul	98
46) 2,6-Dinitrotoluene	14.301	165	56524	19.07	ng/ul	99
48) Acenaphthylene	14.460	152	339208	17.52	ng/ul	97
49) 3-Nitroaniline	14.624	138	51776	17.54	ng/ul	98
50) Acenaphthene	14.800	153	238385	17.30	ng/ul	99
51) 2,4-Dinitrophenol	14.830	184	28635	16.09	ng/ul	94
53) 4-Nitrophenol	14.918	109	50906	18.21	ng/ul	90
54) Dibenzofuran	15.135	168	348565	17.22	ng/ul	94
55) 2,4-Dinitrotoluene	15.082	165	77498	18.90	ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	15.353	232	81437	17.55	ng/ul#	96
57) Diethylphthalate	15.547	149	288367	17.23	ng/ul	98
59) Fluorene	15.782	166	278327	16.93	ng/ul#	94
60) 4-Chlorophenyl-phenyle...	15.776	204	160019	16.91	ng/ul	97
61) 4-Nitroaniline	15.787	138	57619	17.75	ng/ul	98
64) 4,6-Dinitro-2-methylph...	15.840	198	46584	16.69	ng/ul	94
65) N-Nitrosodiphenylamine	15.981	169	253151	17.29	ng/ul	96
66) 4-Bromophenyl-phenylether	16.669	248	107540	16.93	ng/ul	98
67) Hexachlorobenzene	16.786	284	117906	21.53	ng/ul	94
68) Atrazine	16.927	200	104649	17.25	ng/ul	96
69) Pentachlorophenol	17.121	266	66804	16.69	ng/ul	95
70) Phenanthrene	17.521	178	483107	17.37	ng/ul	99
72) Anthracene	17.615	178	484111	17.18	ng/ul	98
73) 1,2,3,4-Tetrachloroben...	13.543	216	138846	17.69	ng/uL	90
74) Pentachlorobenzene	15.053	250	135233	16.95	ng/uL	95
75) Carbazole	17.873	167	406294	18.09	ng/ul	97
76) Di-n-butylphthalate	18.437	149	478288	17.17	ng/ul	99
77) Fluoranthene	19.524	202	616296	18.66	ng/ul	100
80) Pyrene	19.889	202	610983	17.38	ng/ul	99
81) Butylbenzylphthalate	20.770	149	218127	17.80	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.645	252	234943	18.36	ng/ul	99
83) Benzo(a)anthracene	21.733	228	629820	17.60	ng/ul	99
84) Bis(2-ethylhexyl)phtha...	21.651	149	316732	17.38	ng/ul	99
85) Chrysene	21.804	228	609473	17.55	ng/ul	98
87) Di-n-octyl phthalate	22.891	149	555957	17.86	ng/ul	100
88) Benzo(b)fluoranthene	23.990	252	651538	17.33	ng/ul	99
89) Benzo(k)fluoranthene	24.054	252	617376	16.85	ng/ul	99
91) Benzo(a)pyrene	24.871	252	588335	17.13	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.761	276	721235	17.12	ng/ul	98
93) Dibenzo(a,h)anthracene	28.837	278	596611	17.09	ng/ul	96
94) Benzo(g,h,i)perylene	29.930	276	602517m	17.07	ng/ul	

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

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