Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046924.D
Acq On : 16 Oct 2020 10:40
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02032

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10/19/2020 1:23:04 PM

Quant Time: Oct 16 11:42:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 16 02:00:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	52437	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	196497	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	144532	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	376850	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	436887	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	437811	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	9364	7.93	ng/uL	0.00
5) Phenol-d5	7.22	99	95220	20.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	56078	20.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	73180	21.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	74682	20.22	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	35448	21.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	41054	21.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	83338	22.30	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	84748	19.73	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	257315	21.43	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	286955	20.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	45122	21.80	ng/ul	0.00
58) Fluorene-d10	15.70	176	231843	21.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	48244	18.59	ng/ul	0.00
71) Anthracene-d10	17.55	188	378473	20.73	ng/ul	0.00
79) Pyrene-d10	19.83	212	509497	21.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	517583	20.99	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	11500	8.164	ng/uL#	91
4) Benzaldehyde	7.21	77	49971	18.568	ng/ul	92
6) Phenol	7.25	94	99863	20.608	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.49	93	78325	21.328	ng/ul	96
10) 2-Chlorophenol	7.64	128	71909	20.638	ng/ul	99
11) 2-Methylphenol	8.51	108	70915	19.643	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.61	45	106961	20.363	ng/ul	96
14) Acetophenone	8.90	105	121628	20.527	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.88	70	61773	19.878	ng/ul#	95
16) 4-Methylphenol	8.84	108	78716	20.542	ng/ul	92
17) Hexachloroethane	9.17	117	31251	19.685	ng/ul	95
20) Nitrobenzene	9.28	77	99163	22.005	ng/ul	97
21) Isophorone	9.80	82	173972	20.980	ng/ul	95
23) 2-Nitrophenol	9.99	139	43442	21.761	ng/ul	97
24) 2,4-Dimethylphenol	10.05	107	88572	21.031	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.29	93	98660	20.864	ng/ul	95
27) 2,4-Dichlorophenol	10.53	162	78763	21.190	ng/ul	97
28) Naphthalene	10.94	128	239794	21.149	ng/ul	97
30) 4-Chloroaniline	11.04	127	83368	20.277	ng/ul	99
31) Hexachlorobutadiene	11.23	225	68735	21.702	ng/ul	97
32) Caprolactam	11.79	113	27828m	22.122	ng/ul	
33) 4-Chloro-3-methylphenol	12.15	107	81510	20.958	ng/ul#	91
34) 2-Methylnaphthalene	12.54	142	175800	21.089	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.76	142	175501	21.345	ng/uL	96
37) 1,2,4,5-Tetrachlorobenzene	12.91	216	117907	20.918	ng/ul	94
38) Hexachlorocyclopentadiene	12.88	237	73641	19.674	ng/ul#	96
39) 2,4,6-Trichlorophenol	13.14	196	72927	21.023	ng/ul	94
40) 2,4,5-Trichlorophenol	13.21	196	78318	21.387	ng/ul	92
41) 1,1'-Biphenyl	13.54	154	241660	20.728	ng/ul	98
42) 2-Chloronaphthalene	13.58	162	190550	20.401	ng/ul	97
43) 2-Nitroaniline	13.78	65	59669	21.294	ng/ul	89
45) Dimethylphthalate	14.15	163	269495	21.651	ng/ul	98
46) 2,6-Dinitrotoluene	14.28	165	55328	21.746	ng/ul	94
48) Acenaphthylene	14.43	152	287079	20.753	ng/ul	99
49) 3-Nitroaniline	14.60	138	42290	20.052	ng/ul	94
50) Acenaphthene	14.77	153	202833	20.910	ng/ul	98
51) 2,4-Dinitrophenol	14.81	184	30435	18.950	ng/ul	93
53) 4-Nitrophenol	14.90	109	47507	21.874	ng/ul	95
54) Dibenzofuran	15.10	168	305992	21.227	ng/ul	96
55) 2,4-Dinitrotoluene	15.06	165	84004	23.002	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	15.33	232	79328	21.869	ng/ul#	97
57) Diethylphthalate	15.51	149	270849	21.815	ng/ul	99
59) Fluorene	15.75	166	246283	20.820	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.74	204	141457	20.519	ng/ul	99
61) 4-Nitroaniline	15.76	138	46092	19.589	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.82	198	52213	18.707	ng/ul#	92
65) N-Nitrosodiphenylamine	15.96	169	228942	20.703	ng/ul	95
66) 4-Bromophenyl-phenylether	16.64	248	102055	20.302	ng/ul	95
67) Hexachlorobenzene	16.75	284	104549	19.968	ng/ul	97
68) Atrazine	16.90	200	107093	21.923	ng/ul	92
69) Pentachlorophenol	17.10	266	65467	20.145	ng/ul	95
70) Phenanthrene	17.49	178	454651	21.084	ng/ul	99
72) Anthracene	17.58	178	459120	21.079	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.51	216	117796	19.667	ng/uL	95
74) Pentachlorobenzene	15.03	250	123223	20.049	ng/uL	97
75) Carbazole	17.85	167	389548	22.271	ng/ul	99
76) Di-n-butylphthalate	18.41	149	497204	21.724	ng/ul	100
77) Fluoranthene	19.50	202	622042	23.623	ng/ul	99
80) Pyrene	19.86	202	616099	20.838	ng/ul	99
81) Butylbenzylphthalate	20.74	149	225529	20.960	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.61	252	200149	19.585	ng/ul	99
83) Benzo(a)anthracene	21.70	228	640182	21.231	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	318352	20.721	ng/ul	97
85) Chrysene	21.77	228	608033	20.900	ng/ul	99
87) Di-n-octyl phthalate	22.82	149	542832	21.572	ng/ul	100
88) Benzo(b)fluoranthene	23.93	252	632608	20.830	ng/ul	98
89) Benzo(k)fluoranthene	24.00	252	629070	21.480	ng/ul	99
91) Benzo(a)pyrene	24.82	252	577277	21.143	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.67	276	699917	20.926	ng/ul#	95
93) Dibenzo(a,h)anthracene	28.73	278	570760	20.577	ng/ul	100
94) Benzo(g,h,i)perylene	29.83	276	577255	20.560	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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