Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101520\
Data File : BG046918.D
Acq On : 15 Oct 2020 18:28
Operator : CG/JU
Sample : SSTD02030
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02030

Manual Integrations APPROVED
mohammad
10/16/2020 12:47:00 PM

Quant Time: Oct 15 19:21:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 15 19:04:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	49054	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	197855	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	142191	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	357984	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	385330	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	384929	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	9670	9.68	ng/uL	0.00
5) Phenol-d5	7.23	99	88737	21.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	51797	20.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	68595	22.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	70239	21.39	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	35462	23.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	39104	25.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	78509	22.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	85040	20.21	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	249530	22.97	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	284688	22.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	42029	22.69	ng/ul	0.00
58) Fluorene-d10	15.69	176	228294	22.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	47190	26.38	ng/ul	0.00
71) Anthracene-d10	17.55	188	362287	22.06	ng/ul	0.00
79) Pyrene-d10	19.83	212	456182	22.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	454776	21.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	10371	8.095	ng/uL	100
4) Benzaldehyde	7.21	77	29691m	10.027	ng/ul	
6) Phenol	7.26	94	95761	21.774	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.49	93	70566	20.835	ng/ul	100
10) 2-Chlorophenol	7.64	128	67495	21.601	ng/ul	100
11) 2-Methylphenol	8.51	108	69776	21.520	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.61	45	103675	19.455	ng/ul	100
14) Acetophenone	8.90	105	116194	21.830	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.88	70	60942	21.196	ng/ul	100
16) 4-Methylphenol	8.84	108	74741	21.611	ng/ul	100
17) Hexachloroethane	9.17	117	30460	20.988	ng/ul	100
20) Nitrobenzene	9.28	77	94050	22.264	ng/ul	100
21) Isophorone	9.81	82	170321	20.213	ng/ul	100
23) 2-Nitrophenol	10.00	139	42170	25.721	ng/ul	100
24) 2,4-Dimethylphenol	10.05	107	85943	20.926	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.28	93	98165	19.999	ng/ul	100
27) 2,4-Dichlorophenol	10.53	162	76325	22.145	ng/ul	100
28) Naphthalene	10.94	128	235529	21.501	ng/ul	100
30) 4-Chloroaniline	11.04	127	82406	20.115	ng/ul	100
31) Hexachlorobutadiene	11.23	225	66933	22.598	ng/ul	100
32) Caprolactam	11.79	113	25912m	21.789	ng/ul	
33) 4-Chloro-3-methylphenol	12.16	107	84283	22.375	ng/ul	100
34) 2-Methylnaphthalene	12.54	142	175215	21.880	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.76	142	168044	21.653	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	114385	21.973	ng/ul	100
38) Hexachlorocyclopentadiene	12.89	237	76442	22.708	ng/ul	100
39) 2,4,6-Trichlorophenol	13.14	196	72426	23.510	ng/ul	100
40) 2,4,5-Trichlorophenol	13.21	196	75092	22.969	ng/ul	100
41) 1,1'-Biphenyl	13.54	154	239904	21.934	ng/ul	100
42) 2-Chloronaphthalene	13.59	162	190791	21.777	ng/ul	100
43) 2-Nitroaniline	13.78	65	57342	24.710	ng/ul	100
45) Dimethylphthalate	14.15	163	258903	23.545	ng/ul	100
46) 2,6-Dinitrotoluene	14.27	165	53648	27.570	ng/ul	100
48) Acenaphthylene	14.43	152	287098	22.588	ng/ul	100
49) 3-Nitroaniline	14.60	138	39691	20.480	ng/ul	100
50) Acenaphthene	14.77	153	201103	22.233	ng/ul	100
51) 2,4-Dinitrophenol	14.81	184	28870	24.704	ng/ul	100
53) 4-Nitrophenol	14.90	109	45291	24.681	ng/ul	100
54) Dibenzofuran	15.10	168	297854	22.412	ng/ul	100
55) 2,4-Dinitrotoluene	15.06	165	79332	29.469	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.32	232	77709	25.511	ng/ul	100
57) Diethylphthalate	15.52	149	259045	23.577	ng/ul	100
59) Fluorene	15.75	166	243809	22.591	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.74	204	140624	22.637	ng/ul	100
61) 4-Nitroaniline	15.76	138	44542	20.903	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.82	198	52745	26.856	ng/ul	100
65) N-Nitrosodiphenylamine	15.95	169	221832	21.527	ng/ul	100
66) 4-Bromophenyl-phenylether	16.63	248	101413	22.687	ng/ul	100
67) Hexachlorobenzene	16.76	284	103490	26.857	ng/ul	100
68) Atrazine	16.90	200	98139	22.991	ng/ul	100
69) Pentachlorophenol	17.10	266	61078	21.681	ng/ul	100
70) Phenanthrene	17.49	178	429376	21.941	ng/ul	100
72) Anthracene	17.59	178	436850	22.032	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.51	216	116886	21.160	ng/uL	100
74) Pentachlorobenzene	15.02	250	120073	21.393	ng/uL	100
75) Carbazole	17.85	167	363912	23.027	ng/ul	100
76) Di-n-butylphthalate	18.41	149	452469	23.084	ng/ul	100
77) Fluoranthene	19.50	202	560404	24.115	ng/ul	100
80) Pyrene	19.86	202	558142	22.535	ng/ul	100
81) Butylbenzylphthalate	20.74	149	200295	23.204	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.62	252	176916	19.632	ng/ul	100
83) Benzo(a)anthracene	21.70	228	556396	22.068	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.61	149	280969	21.889	ng/ul	100
85) Chrysene	21.77	228	541699	22.149	ng/ul	100
87) Di-n-octyl phthalate	22.83	149	477550	22.715	ng/ul	100
88) Benzo(b)fluoranthene	23.94	252	552465	21.756	ng/ul	100
89) Benzo(k)fluoranthene	24.01	252	536657	21.681	ng/ul	100
91) Benzo(a)pyrene	24.82	252	499366	21.529	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.67	276	609706	21.424	ng/ul	100
93) Dibenzo(a,h)anthracene	28.74	278	498472	21.140	ng/ul	100
94) Benzo(g,h,i)perylene	29.84	276	512528	21.496	ng/ul	100

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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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