Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072820\
Data File : BG046107.D
Acq On : 28 Jul 2020 18:04
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02038

Manual Integrations APPROVED
mohammad
7/29/2020 11:46:54 AM

Quant Time: Jul 28 18:41:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 28 10:34:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	98617	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	421165	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	290926	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	698315	20.00	ng/ul	0.00
78) Chrysene-d12	21.58	240	696904	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	732376	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	14720	7.37	ng/uL	0.00
5) Phenol-d5	7.12	99	156114	20.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	99499	20.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	127111	20.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	134712	20.63	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	63573	21.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	69406	22.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	144858	21.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	172675	22.29	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	471420	20.78	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	562575	20.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	79120	21.35	ng/ul	0.00
58) Fluorene-d10	15.58	176	435347	21.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	75578	21.63	ng/ul	0.00
71) Anthracene-d10	17.43	188	667716	20.73	ng/ul	0.00
79) Pyrene-d10	19.71	212	783515	21.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	841942	20.74	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	18182	7.436	ng/uL	89
4) Benzaldehyde	7.10	77	112271	20.349	ng/ul	99
6) Phenol	7.15	94	165961	20.820	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.38	93	137102	21.015	ng/ul	97
10) 2-Chlorophenol	7.52	128	129698	20.654	ng/ul	98
11) 2-Methylphenol	8.40	108	131234	20.431	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.49	45	232808	21.114	ng/ul	100
14) Acetophenone	8.78	105	203315	21.106	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.77	70	110238	21.149	ng/ul	94
16) 4-Methylphenol	8.73	108	144167	20.950	ng/ul	90
17) Hexachloroethane	9.05	117	55457	20.812	ng/ul	98
20) Nitrobenzene	9.16	77	159063	20.821	ng/ul	99
21) Isophorone	9.68	82	312035	20.900	ng/ul	98
23) 2-Nitrophenol	9.87	139	77341	22.732	ng/ul	98
24) 2,4-Dimethylphenol	9.93	107	152686	20.252	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.17	93	191805	20.310	ng/ul	100
27) 2,4-Dichlorophenol	10.40	162	141634	20.891	ng/ul	97
28) Naphthalene	10.81	128	451511	20.032	ng/ul	99
30) 4-Chloroaniline	10.91	127	170057	22.824	ng/ul	95
31) Hexachlorobutadiene	11.11	225	107313	20.569	ng/ul	96
32) Caprolactam	11.65	113	48059m	21.028	ng/ul	
33) 4-Chloro-3-methylphenol	12.04	107	147551	21.227	ng/ul	96
34) 2-Methylnaphthalene	12.42	142	348052	20.539	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.64	142	341860	20.427 ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	202341	20.118 ng/ul	99
38) Hexachlorocyclopentadiene	12.77	237	119189	20.698 ng/ul	97
39) 2,4,6-Trichlorophenol	13.02	196	126460	21.509 ng/ul	98
40) 2,4,5-Trichlorophenol	13.09	196	138614	21.688 ng/ul	99
41) 1,1'-Biphenyl	13.42	154	453767	20.159 ng/ul	96
42) 2-Chloronaphthalene	13.46	162	367397	20.457 ng/ul	99
43) 2-Nitroaniline	13.66	65	96862	22.880 ng/ul	99
45) Dimethylphthalate	14.04	163	476308	20.932 ng/ul	99
46) 2,6-Dinitrotoluene	14.15	165	101411	23.369 ng/ul	97
48) Acenaphthylene	14.31	152	565515	20.525 ng/ul	99
49) 3-Nitroaniline	14.48	138	93217	22.804 ng/ul	96
50) Acenaphthene	14.65	153	405155	20.424 ng/ul	99
51) 2,4-Dinitrophenol	14.68	184	40848	21.264 ng/ul#	89
53) 4-Nitrophenol	14.79	109	58911	22.155 ng/ul	95
54) Dibenzofuran	14.99	168	562080	20.777 ng/ul	98
55) 2,4-Dinitrotoluene	14.94	165	145143	23.487 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.22	232	134101	22.503 ng/ul	94
57) Diethylphthalate	15.41	149	493252	21.945 ng/ul	98
59) Fluorene	15.63	166	475987	20.749 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.63	204	252065	20.914 ng/ul	95
61) 4-Nitroaniline	15.64	138	102620	22.518 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.70	198	81671	21.938 ng/ul	100
65) N-Nitrosodiphenylamine	15.84	169	417911	20.582 ng/ul	99
66) 4-Bromophenyl-phenylether	16.52	248	178804	20.605 ng/ul	96
67) Hexachlorobenzene	16.64	284	198906	20.306 ng/ul	98
68) Atrazine	16.79	200	174841	21.540 ng/ul	98
69) Pentachlorophenol	16.98	266	110333	21.132 ng/ul	97
70) Phenanthrene	17.37	178	794682	20.391 ng/ul	100
72) Anthracene	17.46	178	801994	20.653 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	205589	19.605 ng/uL	100
74) Pentachlorobenzene	14.91	250	214571	20.261 ng/uL	96
75) Carbazole	17.72	167	708781	22.746 ng/ul	100
76) Di-n-butylphthalate	18.30	149	844346	22.022 ng/ul	99
77) Fluoranthene	19.38	202	999286	23.375 ng/ul	99
80) Pyrene	19.74	202	976097	20.714 ng/ul	98
81) Butylbenzylphthalate	20.63	149	366233	22.642 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.47	252	325927	21.789 ng/ul	99
83) Benzo(a)anthracene	21.55	228	956563	20.842 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	527209	22.406 ng/ul	98
85) Chrysene	21.62	228	940705	21.085 ng/ul	100
87) Di-n-octyl phthalate	22.67	149	891490	23.295 ng/ul	100
88) Benzo(b)fluoranthene	23.71	252	1031912	20.856 ng/ul	99
89) Benzo(k)fluoranthene	23.77	252	991788	20.415 ng/ul	99
91) Benzo(a)pyrene	24.55	252	942002	20.761 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.21	276	1166279	20.583 ng/ul	97
93) Dibenzo(a,h)anthracene	28.28	278	953780	20.575 ng/ul	98
94) Benzo(g,h,i)perylene	29.31	276	972031	20.295 ng/ul	99

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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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