Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047696.D
Acq On : 10 Dec 2020 6:47
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02040

Manual Integrations APPROVED
mohammad
12/10/2020 2:42:15 PM

Quant Time: Dec 10 10:46:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	37893	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	142117	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	112160	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	291090m	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	270307	20.00	ng/ul	0.00
86) Perylene-d12	25.22	264	285784	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	5626	7.91	ng/uL	0.00
5) Phenol-d5	7.35	99	60232	18.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	31580	18.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	45671	18.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	47264	18.36	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	21806	18.82	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	26993	19.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.66	165	59697	19.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	55434	19.90	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	172323	17.69	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	203802	18.32	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	28132	19.47	ng/ul	0.00
58) Fluorene-d10	15.82	176	167900	18.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	34173	17.34	ng/ul	0.00
71) Anthracene-d10	17.67	188	269614	18.57	ng/ul	0.00
79) Pyrene-d10	19.94	212	305230	19.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.99	264	309209	18.52	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	5597	7.627	ng/uL#	76
4) Benzaldehyde	7.34	77	29450	17.112	ng/ul	87
6) Phenol	7.38	94	59587	19.448	ng/ul#	93
8) Bis(2-Chloroethyl)ether	7.62	93	40931	19.200	ng/ul	87
10) 2-Chlorophenol	7.78	128	43838	18.104	ng/ul#	89
11) 2-Methylphenol	8.65	108	46761	19.200	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.74	45	38425	19.245	ng/ul#	76
14) Acetophenone	9.04	105	74442	18.331	ng/ul#	87
15) N-Nitroso-di-n-propylamine	9.02	70	40768	18.165	ng/ul#	94
16) 4-Methylphenol	8.98	108	50139	19.272	ng/ul	96
17) Hexachloroethane	9.31	117	22281	18.821	ng/ul	96
20) Nitrobenzene	9.43	77	67751	18.477	ng/ul	96
21) Isophorone	9.95	82	111665	17.722	ng/ul	99
23) 2-Nitrophenol	10.14	139	27836	19.488	ng/ul	90
24) 2,4-Dimethylphenol	10.19	107	64094	18.736	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.43	93	52124	18.060	ng/ul	92
27) 2,4-Dichlorophenol	10.68	162	49710	19.381	ng/ul	94
28) Naphthalene	11.09	128	145465	18.355	ng/ul#	94
30) 4-Chloroaniline	11.19	127	52358	20.344	ng/ul	95
31) Hexachlorobutadiene	11.37	225	51120	18.252	ng/ul	93
32) Caprolactam	11.94	113	16971m	19.641	ng/ul	
33) 4-Chloro-3-methylphenol	12.29	107	57807	18.512	ng/ul	94
34) 2-Methylnaphthalene	12.68	142	112405	18.410	ng/ul	87

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35) 1-Methylnaphthalene	12.90	142	132271	18.686	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	13.05	216	86051	19.306	ng/ul#	90
38) Hexachlorocyclopentadiene	13.02	237	43347	13.928	ng/ul	99
39) 2,4,6-Trichlorophenol	13.28	196	56014	19.246	ng/ul	96
40) 2,4,5-Trichlorophenol	13.35	196	57020	18.941	ng/ul#	97
41) 1,1'-Biphenyl	13.68	154	155728	18.445	ng/ul#	92
42) 2-Chloronaphthalene	13.72	162	127029	18.582	ng/ul	96
43) 2-Nitroaniline	13.91	65	46605	19.078	ng/ul	95
45) Dimethylphthalate	14.27	163	174065	17.638	ng/ul	98
46) 2,6-Dinitrotoluene	14.40	165	37778	17.894	ng/ul	96
48) Acenaphthylene	14.56	152	191557	18.559	ng/ul	95
49) 3-Nitroaniline	14.73	138	28788	19.986	ng/ul#	93
50) Acenaphthene	14.90	153	137099	18.792	ng/ul	98
51) 2,4-Dinitrophenol	14.93	184	18153	14.894	ng/ul	90
53) 4-Nitrophenol	15.03	109	48571	20.425	ng/ul	91
54) Dibenzofuran	15.23	168	200088	18.797	ng/ul	89
55) 2,4-Dinitrotoluene	15.18	165	56568	18.990	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.46	232	57819	20.531	ng/ul#	96
57) Diethylphthalate	15.63	149	173261	17.987	ng/ul	98
59) Fluorene	15.88	166	170279	18.709	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.86	204	102386	18.000	ng/ul	98
61) 4-Nitroaniline	15.88	138	30431	18.936	ng/ul#	88
64) 4,6-Dinitro-2-methylphenol	15.94	198	32726m	16.473	ng/ul	
65) N-Nitrosodiphenylamine	16.07	169	152786m	19.042	ng/ul	
66) 4-Bromophenyl-phenylether	16.75	248	70882	18.882	ng/ul	98
67) Hexachlorobenzene	16.88	284	79390	19.392	ng/ul	93
68) Atrazine	17.01	200	71827m	19.321	ng/ul	
69) Pentachlorophenol	17.22	266	42216	23.849	ng/ul	94
70) Phenanthrene	17.62	178	293056m	18.575	ng/ul	
72) Anthracene	17.71	178	295623	18.798	ng/ul	94
73) 1,2,3,4-Tetrachlorobenzene	13.65	216	87993	19.291	ng/uL	95
74) Pentachlorobenzene	15.16	250	85730	18.854	ng/uL	91
75) Carbazole	17.97	167	238157	18.990	ng/ul	97
76) Di-n-butylphthalate	18.51	149	287170	17.925	ng/ul	98
77) Fluoranthene	19.61	202	381325m	18.995	ng/ul	
80) Pyrene	19.97	202	371935	18.919	ng/ul#	97
81) Butylbenzylphthalate	20.83	149	121702	18.606	ng/ul#	91
82) 3,3'-Dichlorobenzidine	21.73	252	113653	18.399	ng/ul#	96
83) Benzo(a)anthracene	21.83	228	359538	18.618	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.71	149	170794	18.604	ng/ul	95
85) Chrysene	21.90	228	340876	18.702	ng/ul	97
87) Di-n-octyl phthalate	22.97	149	279908	18.585	ng/ul	100
88) Benzo(b)fluoranthene	24.14	252	373426	18.718	ng/ul#	97
89) Benzo(k)fluoranthene	24.21	252	359189m	18.168	ng/ul	
91) Benzo(a)pyrene	25.06	252	328085	18.237	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.07	276	415706m	18.948	ng/ul	
93) Dibenzo(a,h)anthracene	29.14	278	347197	18.880	ng/ul	97
94) Benzo(g,h,i)perylene	30.29	276	350296m	19.448	ng/ul	

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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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