Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047569.D
Acq On : 4 Dec 2020 13:52
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02099

Manual Integrations APPROVED
mohammad
12/7/2020 1:59:41 PM

Quant Time: Dec 05 03:59:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 05 02:47:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	31145	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.08	136	123250	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.87	164	94409	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.60	188	238696	20.00	ng/ul	-0.01
78) Chrysene-d12	21.88	240	216236	20.00	ng/ul	-0.02
86) Perylene-d12	25.27	264	224972	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	5480	6.40	ng/uL	-0.02
5) Phenol-d5	7.39	99	53270	17.06	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.56	67	29900	16.78	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.78	132	42058	20.08	ng/ul	-0.02
13) 4-Methylphenol-d8	8.95	113	44683	18.62	ng/ul	-0.01
19) Nitrobenzene-d5	9.42	128	19777	19.43	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.15	143	24902	22.42	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.69	165	52005	20.45	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.20	131	51996	20.22	ng/ul	-0.02
44) Dimethylphthalate-d6	14.26	166	167141	20.62	ng/ul	-0.02
47) Acenaphthylene-d8	14.57	160	192300	20.53	ng/ul	-0.01
52) 4-Nitrophenol-d4	15.04	143	24508	19.82	ng/ul	0.00
58) Fluorene-d10	15.85	176	154371	20.79	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.96	200	32311	23.78	ng/ul	-0.01
71) Anthracene-d10	17.70	188	245867	20.76	ng/ul	-0.02
79) Pyrene-d10	19.97	212	273026	21.70	ng/ul	-0.01
90) Benzo(a)pyrene-d12	25.04	264	261180	20.17	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	4947m	5.596	ng/uL	
4) Benzaldehyde	7.38	77	30765	16.676	ng/ul#	85
6) Phenol	7.42	94	54569	18.236	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.66	93	37087	16.789	ng/ul	93
10) 2-Chlorophenol	7.81	128	40959	19.374	ng/ul	94
11) 2-Methylphenol	8.68	108	43116	18.547	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.77	45	35849	15.429	ng/ul	95
14) Acetophenone	9.08	105	70641	19.108	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.06	70	40380	18.105	ng/ul#	93
16) 4-Methylphenol	9.01	108	45457	18.631	ng/ul	96
17) Hexachloroethane	9.35	117	19985	20.116	ng/ul	94
20) Nitrobenzene	9.47	77	66961	20.336	ng/ul	98
21) Isophorone	9.99	82	113927	18.154	ng/ul#	94
23) 2-Nitrophenol	10.18	139	26797	22.190	ng/ul	94
24) 2,4-Dimethylphenol	10.23	107	59013	19.252	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.46	93	51607	17.097	ng/ul	99
27) 2,4-Dichlorophenol	10.72	162	47646	21.100	ng/ul	95
28) Naphthalene	11.13	128	135836	19.459	ng/ul#	96
30) 4-Chloroaniline	11.23	127	48607	19.829	ng/ul#	89
31) Hexachlorobutadiene	11.41	225	48824	22.983	ng/ul	93
32) Caprolactam	11.98	113	15537m	18.878	ng/ul	
33) 4-Chloro-3-methylphenol	12.33	107	52314	18.746	ng/ul#	84
34) 2-Methylnaphthalene	12.71	142	106215	20.532	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.93	142	120187	19.767	ng/uL#	98
37) 1,2,4,5-Tetrachlorobenzene	13.08	216	81152	21.875	ng/ul	93
38) Hexachlorocyclopentadiene	13.06	237	55549	21.518	ng/ul	98
39) 2,4,6-Trichlorophenol	13.30	196	50626	21.975	ng/ul	96
40) 2,4,5-Trichlorophenol	13.38	196	52675	22.023	ng/ul	96
41) 1,1'-Biphenyl	13.71	154	149344	20.393	ng/ul	92
42) 2-Chloronaphthalene	13.75	162	118214	20.364	ng/ul	91
43) 2-Nitroaniline	13.94	65	43671	20.684	ng/ul#	87
45) Dimethylphthalate	14.31	163	168287	20.356	ng/ul	99
46) 2,6-Dinitrotoluene	14.43	165	33439	21.122	ng/ul	99
48) Acenaphthylene	14.60	152	174145	20.003	ng/ul	96
49) 3-Nitroaniline	14.75	138	26997	21.839	ng/ul#	95
50) Acenaphthene	14.93	153	126375	20.695	ng/ul	86
51) 2,4-Dinitrophenol	14.96	184	19351	22.939	ng/ul#	80
53) 4-Nitrophenol	15.05	109	42335m	23.648	ng/ul	
54) Dibenzofuran	15.26	168	183936	20.508	ng/ul	98
55) 2,4-Dinitrotoluene	15.21	165	48729	21.695	ng/ul#	89
56) 2,3,4,6-Tetrachlorophenol	15.48	232	49391	21.562	ng/ul#	86
57) Diethylphthalate	15.66	149	161999	19.975	ng/ul	98
59) Fluorene	15.91	166	152978	20.245	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.89	204	96644	21.293	ng/ul	97
61) 4-Nitroaniline	15.91	138	29750m	20.553	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.97	198	32104	22.580	ng/ul	92
65) N-Nitrosodiphenylamine	16.10	169	141578	20.779	ng/ul	92
66) 4-Bromophenyl-phenylether	16.79	248	69333	22.865	ng/ul	99
67) Hexachlorobenzene	16.91	284	73073	23.036	ng/ul#	90
68) Atrazine	17.04	200	61353	20.459	ng/ul#	92
69) Pentachlorophenol	17.24	266	28629	15.430	ng/ul	88
70) Phenanthrene	17.64	178	265678	20.611	ng/ul	98
72) Anthracene	17.74	178	264622	20.385	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.67	216	81849	21.814	ng/uL	94
74) Pentachlorobenzene	15.18	250	80026	22.184	ng/uL	99
75) Carbazole	18.00	167	220443	21.052	ng/ul	97
76) Di-n-butylphthalate	18.54	149	260985	19.567	ng/ul#	96
77) Fluoranthene	19.64	202	342135	21.017	ng/ul#	97
80) Pyrene	19.99	202	330735	21.592	ng/ul#	93
81) Butylbenzylphthalate	20.86	149	107808	20.040	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.76	252	112770	22.339	ng/ul	93
83) Benzo(a)anthracene	21.86	228	302353	19.652	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.75	149	145437	19.395	ng/ul#	98
85) Chrysene	21.93	228	296720	20.266	ng/ul	99
87) Di-n-octyl phthalate	23.01	149	238335	19.128	ng/ul	100
88) Benzo(b)fluoranthene	24.19	252	316740	19.941	ng/ul#	99
89) Benzo(k)fluoranthene	24.26	252	306181	19.560	ng/ul#	99
91) Benzo(a)pyrene	25.11	252	281882	19.907	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	29.16	276	341072	19.802	ng/ul#	96
93) Dibenzo(a,h)anthracene	29.23	278	286271	20.271	ng/ul#	95
94) Benzo(g,h,i)perylene	30.38	276	286802	20.180	ng/ul#	96

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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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