Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121120\
Data File : BG047729.D
Acq On : 12 Dec 2020 1:12
Operator : CG/JU
Sample : SSTDCCC020EC
Misc : ME-SOIL-03
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020009

Manual Integrations APPROVED
mohammad
12/14/2020 2:45:10 PM

Quant Time: Dec 12 01:53:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 11 23:58:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	29677	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	118428	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.83	164	88862	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.57	188	224337	20.00	ng/ul	0.00
79) Chrysene-d12	21.84	240	210177	20.00	ng/ul	0.00
88) Perylene-d12	25.20	264	221170	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	5338	7.91	ng/uL	0.00
4) Pyridine-d5	3.96	84	35141	18.35	ng/ul	0.00
7) Phenol-d5	7.34	99	51284	20.60	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.51	67	27222	20.75	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	37467	19.90	ng/ul	0.00
15) 4-Methylphenol-d8	8.90	113	41882	22.12	ng/ul	0.00
21) Nitrobenzene-d5	9.37	128	20197	20.27	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	23004	20.28	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	49282	20.57	ng/ul	0.00
31) 4-Chloroaniline-d4	11.16	131	59326	21.28	ng/ul	0.00
46) Dimethylphthalate-d6	14.22	166	155569	21.21	ng/ul	0.00
49) Acenaphthylene-d8	14.52	160	174744	20.84	ng/ul	0.00
54) 4-Nitrophenol-d4	15.00	143	23950	21.44	ng/ul	0.00
60) Fluorene-d10	15.82	176	139781	20.42	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.92	200	31664	20.62	ng/ul	0.00
73) Anthracene-d10	17.66	188	222088	20.36	ng/ul	0.00
81) Pyrene-d10	19.93	212	247801	21.78	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.96	264	255899	20.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	5193	7.462	ng/uL#	79
5) Pyridine	3.98	79	34576	19.251	ng/ul#	89
6) Benzaldehyde	7.33	77	24476	21.397	ng/ul	94
8) Phenol	7.37	94	49886	20.392	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.61	93	36410	21.399	ng/ul	98
12) 2-Chlorophenol	7.76	128	40661	21.769	ng/ul	95
13) 2-Methylphenol	8.64	108	41688	22.399	ng/ul	87
14) 2,2'-oxybis(1-Chloropropan	8.74	45	33080m	20.889	ng/ul	
16) Acetophenone	9.03	105	68719	21.607	ng/ul	95
17) N-Nitroso-di-n-propylamine	9.01	70	37859	21.680	ng/ul#	92
18) 4-Methylphenol	8.96	108	42309	20.716	ng/ul	96
19) Hexachloroethane	9.31	117	18633	20.372	ng/ul#	70
22) Nitrobenzene	9.42	77	58908	19.853	ng/ul#	91
23) Isophorone	9.94	82	107153	20.791	ng/ul	97
25) 2-Nitrophenol	10.13	139	26302	22.191	ng/ul#	86
26) 2,4-Dimethylphenol	10.18	107	58029	20.856	ng/ul	97
27) Bis(2-Chloroethoxy)methane	10.42	93	49293	20.039	ng/ul#	92
29) 2,4-Dichlorophenol	10.67	162	45087	20.511	ng/ul	89
30) Naphthalene	11.09	128	128985	19.713	ng/ul	97
32) 4-Chloroaniline	11.18	127	54516	20.452	ng/ul	97
33) Hexachlorobutadiene	11.36	225	46070	19.517	ng/ul	89
34) Caprolactam	11.93	113	14389m	19.325	ng/ul	

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35) 4-Chloro-3-methylphenol	12.28	107	49618	20.479	ng/ul#	74
36) 2-Methylnaphthalene	12.67	142	99824	20.218	ng/ul	99
37) 1-Methylnaphthalene	12.89	142	95553	20.255	ng/ul	95
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	72754	19.880	ng/ul#	91
40) Hexachlorocyclopentadiene	13.01	237	45669	19.034	ng/ul	94
41) 2,4,6-Trichlorophenol	13.27	196	47268	21.539	ng/ul	93
42) 2,4,5-Trichlorophenol	13.34	196	47063	20.249	ng/ul	99
43) 1,1'-Biphenyl	13.66	154	138778	20.219	ng/ul	98
44) 2-Chloronaphthalene	13.71	162	109122	20.198	ng/ul	98
45) 2-Nitroaniline	13.91	65	40617	21.887	ng/ul	91
47) Dimethylphthalate	14.26	163	156543	20.832	ng/ul	100
48) 2,6-Dinitrotoluene	14.39	165	34407	21.671	ng/ul#	80
50) Acenaphthylene	14.55	152	168254	21.292	ng/ul	97
51) 3-Nitroaniline	14.72	138	18955	16.628	ng/ul	92
52) Acenaphthene	14.89	153	117091	20.849	ng/ul	98
53) 2,4-Dinitrophenol	14.92	184	17526	18.609	ng/ul#	89
55) 4-Nitrophenol	15.01	109	36472	19.256	ng/ul	90
56) Dibenzofuran	15.22	168	172267	21.176	ng/ul	99
57) 2,4-Dinitrotoluene	15.17	165	46549	20.457	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.44	232	45802	21.279	ng/ul#	95
59) Diethylphthalate	15.62	149	153087	20.579	ng/ul	98
61) Fluorene	15.87	166	144818	20.710	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.86	204	89740	20.520	ng/ul	95
63) 4-Nitroaniline	15.87	138	15334	14.308	ng/ul#	85
66) 4,6-Dinitro-2-methylphenol	15.94	198	31169	19.999	ng/ul#	99
67) N-Nitrosodiphenylamine	16.06	169	128558	20.595	ng/ul	97
68) 4-Bromophenyl-phenylether	16.74	248	61583	21.380	ng/ul	95
69) Hexachlorobenzene	16.87	284	66427	21.008	ng/ul	93
70) Atrazine	17.00	200	63023	21.193	ng/ul#	87
71) Pentachlorophenol	17.21	266	28860	19.418	ng/ul	89
72) Phenanthrene	17.61	178	245652	20.166	ng/ul	98
74) Anthracene	17.70	178	247216	20.315	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.64	216	77195	21.233	ng/uL	96
76) Pentachlorobenzene	15.14	250	76825	21.655	ng/uL	97
77) Carbazole	17.96	167	205962	20.762	ng/ul	97
78) Di-n-butylphthalate	18.50	149	247469	20.339	ng/ul	99
80) Fluoranthene	19.60	202	319372	22.171	ng/ul	99
82) Pyrene	19.96	202	308719	21.708	ng/ul#	97
83) Butylbenzylphthalate	20.83	149	101022	20.363	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.72	252	100902	19.498	ng/ul	88
85) Benzo(a)anthracene	21.82	228	300080	20.227	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.70	149	143685	21.012	ng/ul	94
87) Chrysene	21.88	228	289773	20.585	ng/ul	97
89) Di-n-octyl phthalate	22.95	149	234191	20.121	ng/ul	100
90) Benzo(b)fluoranthene	24.12	252	316165	20.452	ng/ul	98
91) Benzo(k)fluoranthene	24.19	252	301646	19.751	ng/ul	100
93) Benzo(a)pyrene	25.03	252	283993	20.831	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.03	276	349927	20.743	ng/ul	97
95) Dibenzo(a,h)anthracene	29.10	278	293341	20.937	ng/ul#	98
96) Benzo(g,h,i)perylene	30.25	276	298024m	21.450	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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