Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121120\
Data File : BG047710.D
Acq On : 11 Dec 2020 10:51
Operator : CG/JU
Sample : SSTD01004
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD010004

Manual Integrations APPROVED
mohammad
12/14/2020 2:43:53 PM

Quant Time: Dec 11 13:00:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 11 12:42:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	21475	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	79578	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.83	164	61268	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	154195	20.00	ng/ul	0.00
79) Chrysene-d12	21.83	240	195467	20.00	ng/ul	0.00
88) Perylene-d12	25.19	264	205075	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	2330m	5.20	ng/uL	0.00
4) Pyridine-d5	3.96	84	12799	9.25	ng/ul	0.00
7) Phenol-d5	7.35	99	16846	9.05	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.52	67	8962	9.14	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	12934	9.45	ng/ul	0.00
15) 4-Methylphenol-d8	8.91	113	12291	8.39	ng/ul	0.01
21) Nitrobenzene-d5	9.37	128	7041	10.63	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	7689	9.51	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	15181	9.49	ng/ul	0.00
31) 4-Chloroaniline-d4	11.15	131	17670	9.31	ng/ul	0.00
46) Dimethylphthalate-d6	14.21	166	49755	9.56	ng/ul	0.00
49) Acenaphthylene-d8	14.53	160	56789	9.52	ng/ul	0.00
54) 4-Nitrophenol-d4	14.99	143	7119	9.39	ng/ul	0.00
60) Fluorene-d10	15.81	176	46064	9.69	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.92	200	9371	9.43	ng/ul	0.00
73) Anthracene-d10	17.66	188	74919	10.02	ng/ul	0.00
81) Pyrene-d10	19.93	212	99650	8.24	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.95	264	115693	10.02	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	1797m	3.870	ng/uL	
5) Pyridine	3.99	79	11974m	8.709	ng/ul	
6) Benzaldehyde	7.33	77	9394	12.015	ng/ul	86
8) Phenol	7.37	94	17521	9.802	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.60	93	11658	9.304	ng/ul	98
12) 2-Chlorophenol	7.76	128	12737	9.230	ng/ul#	93
13) 2-Methylphenol	8.64	108	11496	8.051	ng/ul	85
14) 2,2'-oxybis(1-Chloropropan	8.73	45	11305m	9.663	ng/ul	
16) Acetophenone	9.03	105	23247	9.774	ng/ul	96
17) N-Nitroso-di-n-propylamine	9.00	70	11859	9.168	ng/ul#	90
18) 4-Methylphenol	8.96	108	14204	9.513	ng/ul	99
19) Hexachloroethane	9.31	117	6775	10.341	ng/ul	96
22) Nitrobenzene	9.41	77	19359	9.630	ng/ul#	76
23) Isophorone	9.94	82	33202	9.394	ng/ul	97
25) 2-Nitrophenol	10.13	139	7656	9.441	ng/ul	90
26) 2,4-Dimethylphenol	10.18	107	18732	9.897	ng/ul#	82
27) Bis(2-Chloroethoxy)methane	10.42	93	15943	9.959	ng/ul#	93
29) 2,4-Dichlorophenol	10.67	162	14265	9.678	ng/ul#	86
30) Naphthalene	11.08	128	45337	10.268	ng/ul	96
32) 4-Chloroaniline	11.18	127	17035	9.512	ng/ul	98
33) Hexachlorobutadiene	11.36	225	16139	10.669	ng/ul	93
34) Caprolactam	11.93	113	5552m	11.131	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.28	107	14926	8.893	ng/ul	89
36) 2-Methylnaphthalene	12.67	142	32162	9.591	ng/ul	94
37) 1-Methylnaphthalene	12.89	142	31325	9.727	ng/ul#	91
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	23906	9.587	ng/ul	92
40) Hexachlorocyclopentadiene	13.02	237	14283	8.510	ng/ul	93
41) 2,4,6-Trichlorophenol	13.27	196	14824	9.537	ng/ul	89
42) 2,4,5-Trichlorophenol	13.33	196	14463	8.509	ng/ul	97
43) 1,1'-Biphenyl	13.66	154	47599	10.007	ng/ul	98
44) 2-Chloronaphthalene	13.71	162	37752	9.857	ng/ul	98
45) 2-Nitroaniline	13.90	65	12116	9.213	ng/ul	88
47) Dimethylphthalate	14.27	163	52349	9.681	ng/ul	99
48) 2,6-Dinitrotoluene	14.38	165	11187	9.892	ng/ul#	80
50) Acenaphthylene	14.55	152	55521	9.898	ng/ul#	95
51) 3-Nitroaniline	14.71	138	8617	11.297	ng/ul	81
52) Acenaphthene	14.89	153	37671	9.255	ng/ul	94
53) 2,4-Dinitrophenol	14.93	184	3717	5.944	ng/ul	93
55) 4-Nitrophenol	15.01	109	11367	8.645	ng/ul#	79
56) Dibenzofuran	15.22	168	53384	9.040	ng/ul	96
57) 2,4-Dinitrotoluene	15.17	165	14616	9.047	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.45	232	13384	8.568	ng/ul#	93
59) Diethylphthalate	15.62	149	52062	9.883	ng/ul	96
61) Fluorene	15.87	166	47435	9.507	ng/ul#	96
62) 4-Chlorophenyl-phenylether	15.85	204	30082	9.850	ng/ul#	87
63) 4-Nitroaniline	15.87	138	7814m	10.299	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.94	198	9176	8.738	ng/ul#	89
67) N-Nitrosodiphenylamine	16.06	169	44595	10.512	ng/ul	93
68) 4-Bromophenyl-phenylether	16.75	248	19138	9.505	ng/ul	91
69) Hexachlorobenzene	16.87	284	21955	10.237	ng/ul#	93
70) Atrazine	17.00	200	21895	11.017	ng/ul#	97
71) Pentachlorophenol	17.21	266	6405	6.243	ng/ul#	81
72) Phenanthrene	17.60	178	83998	10.152	ng/ul	98
74) Anthracene	17.70	178	85509	10.320	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.64	216	24857	9.931	ng/uL	92
76) Pentachlorobenzene	15.14	250	24164	9.688	ng/uL#	86
77) Carbazole	17.96	167	70984	10.717	ng/ul	95
78) Di-n-butylphthalate	18.50	149	87847	10.933	ng/ul	97
80) Fluoranthene	19.60	202	122425	8.291	ng/ul#	99
82) Pyrene	19.96	202	124576	8.623	ng/ul#	97
83) Butylbenzylphthalate	20.82	149	44414	9.212	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.72	252	51270	11.218	ng/ul#	100
85) Benzo(a)anthracene	21.82	228	139812	10.076	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.70	149	61884	9.450	ng/ul	93
87) Chrysene	21.89	228	129061	9.814	ng/ul	97
89) Di-n-octyl phthalate	22.95	149	106840	9.990	ng/ul	100
90) Benzo(b)fluoranthene	24.12	252	139770	9.851	ng/ul#	94
91) Benzo(k)fluoranthene	24.19	252	143988m	10.372	ng/ul	
93) Benzo(a)pyrene	25.03	252	122592	9.633	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.03	276	153279m	9.953	ng/ul	
95) Dibenzo(a,h)anthracene	29.10	278	129117	10.030	ng/ul	100
96) Benzo(g,h,i)perylene	30.23	276	125837m	9.971	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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