Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121520\
Data File : BG047747.D
Acq On : 15 Dec 2020 15:31
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020004

Manual Integrations APPROVED
mohammad
12/18/2020 10:23:28 AM

Quant Time: Dec 15 16:46:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 11 14:20:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	27710	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	103421	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.82	164	76711	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	197983	20.00	ng/ul	0.00
79) Chrysene-d12	21.84	240	216768	20.00	ng/ul	0.00
88) Perylene-d12	25.19	264	235848	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	5337	8.47	ng/uL	0.00
4) Pyridine-d5	3.95	84	31919	17.85	ng/ul	0.00
7) Phenol-d5	7.34	99	45529	19.58	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.51	67	25070	20.47	ng/ul	0.00
11) 2-Chlorophenol-d4	7.72	132	36018	20.49	ng/ul	0.00
15) 4-Methylphenol-d8	8.89	113	34870	19.72	ng/ul	0.00
21) Nitrobenzene-d5	9.37	128	16820	19.33	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	19880	20.07	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	41648	19.91	ng/ul	0.00
31) 4-Chloroaniline-d4	11.15	131	51989	21.35	ng/ul	0.00
46) Dimethylphthalate-d6	14.22	166	129461	20.45	ng/ul	0.00
49) Acenaphthylene-d8	14.52	160	148985	20.58	ng/ul	0.00
54) 4-Nitrophenol-d4	15.00	143	19580	20.31	ng/ul	0.00
60) Fluorene-d10	15.81	176	121109	20.49	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.92	200	26325	19.43	ng/ul	0.00
73) Anthracene-d10	17.66	188	202769	21.06	ng/ul	0.00
81) Pyrene-d10	19.93	212	252143	21.49	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.96	264	278241	21.02	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	5626	8.658	ng/uL#	71
5) Pyridine	3.97	79	34771	20.734	ng/ul	93
6) Benzaldehyde	7.32	77	19755	18.496	ng/ul	91
8) Phenol	7.37	94	44000	19.263	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.60	93	31232	19.659	ng/ul#	93
12) 2-Chlorophenol	7.76	128	35478	20.343	ng/ul	94
13) 2-Methylphenol	8.63	108	33836	19.471	ng/ul	93
14) 2,2'-oxybis(1-Chloropropan	8.72	45	31326	21.186	ng/ul#	87
16) Acetophenone	9.03	105	57791	19.461	ng/ul	96
17) N-Nitroso-di-n-propylamine	9.00	70	31738	19.465	ng/ul#	92
18) 4-Methylphenol	8.96	108	36967	19.385	ng/ul	97
19) Hexachloroethane	9.30	117	16391	19.193	ng/ul	93
22) Nitrobenzene	9.41	77	51690	19.948	ng/ul	93
23) Isophorone	9.93	82	90523	20.113	ng/ul	96
25) 2-Nitrophenol	10.13	139	21380	20.656	ng/ul	98
26) 2,4-Dimethylphenol	10.18	107	47495	19.547	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.41	93	41449	19.295	ng/ul#	89
29) 2,4-Dichlorophenol	10.67	162	39490	20.572	ng/ul	96
30) Naphthalene	11.08	128	115811	20.268	ng/ul	96
32) 4-Chloroaniline	11.18	127	47957	20.602	ng/ul	97
33) Hexachlorobutadiene	11.36	225	39244	19.038	ng/ul#	81
34) Caprolactam	11.92	113	13346m	20.525	ng/ul	

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.28	107	41511	19.619	ng/ul#	84
36) 2-Methylnaphthalene	12.67	142	86689	20.106	ng/ul	93
37) 1-Methylnaphthalene	12.88	142	84747	20.571	ng/ul#	84
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	67479	21.359	ng/ul	98
40) Hexachlorocyclopentadiene	13.01	237	39922	19.274	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.26	196	38665	20.409	ng/ul	97
42) 2,4,5-Trichlorophenol	13.34	196	38871	19.373	ng/ul	91
43) 1,1'-Biphenyl	13.66	154	122477	20.671	ng/ul	96
44) 2-Chloronaphthalene	13.71	162	97704	20.949	ng/ul	98
45) 2-Nitroaniline	13.90	65	33471	20.893	ng/ul	95
47) Dimethylphthalate	14.26	163	135221	20.845	ng/ul#	98
48) 2,6-Dinitrotoluene	14.39	165	28448	20.756	ng/ul	95
50) Acenaphthylene	14.55	152	143262	21.001	ng/ul	97
51) 3-Nitroaniline	14.72	138	17032	17.308	ng/ul#	84
52) Acenaphthene	14.89	153	99164	20.454	ng/ul	98
53) 2,4-Dinitrophenol	14.92	184	14182	17.444	ng/ul#	76
55) 4-Nitrophenol	15.01	109	33431	20.446	ng/ul	97
56) Dibenzofuran	15.22	168	150083	21.371	ng/ul	96
57) 2,4-Dinitrotoluene	15.17	165	41232	20.990	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.44	232	38552	20.748	ng/ul#	90
59) Diethylphthalate	15.62	149	128999	20.088	ng/ul	98
61) Fluorene	15.87	166	126367	20.934	ng/ul#	98
62) 4-Chlorophenyl-phenylether	15.85	204	75828	20.085	ng/ul	90
63) 4-Nitroaniline	15.87	138	13707	14.816	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.94	198	27211	19.784	ng/ul#	97
67) N-Nitrosodiphenylamine	16.06	169	111599	20.258	ng/ul	92
68) 4-Bromophenyl-phenylether	16.74	248	51772	20.367	ng/ul	94
69) Hexachlorobenzene	16.87	284	57274	20.524	ng/ul	95
70) Atrazine	17.00	200	54314	20.696	ng/ul	98
71) Pentachlorophenol	17.21	266	23725	18.088	ng/ul	92
72) Phenanthrene	17.60	178	219884	20.454	ng/ul	99
74) Anthracene	17.69	178	225011	20.951	ng/ul	97
75) 1,2,3,4-Tetrachlorobenzene	13.63	216	66319	20.669	ng/uL	94
76) Pentachlorobenzene	15.14	250	64220	20.512	ng/uL	96
77) Carbazole	17.96	167	180500	20.617	ng/ul	98
78) Di-n-butylphthalate	18.50	149	225624	21.012	ng/ul	100
80) Fluoranthene	19.60	202	315520	21.237	ng/ul	99
82) Pyrene	19.96	202	313867	21.399	ng/ul	100
83) Butylbenzylphthalate	20.82	149	111773	21.845	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.72	252	112541	21.086	ng/ul#	89
85) Benzo(a)anthracene	21.82	228	323625	21.151	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.70	149	154459	21.901	ng/ul	95
87) Chrysene	21.88	228	310950	21.417	ng/ul	99
89) Di-n-octyl phthalate	22.95	149	260414	20.982	ng/ul	100
90) Benzo(b)fluoranthene	24.12	252	342898m	20.801	ng/ul	
91) Benzo(k)fluoranthene	24.19	252	334850	20.561	ng/ul	100
93) Benzo(a)pyrene	25.03	252	302376	20.799	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.03	276	372831m	20.725	ng/ul	
95) Dibenzo(a,h)anthracene	29.09	278	313561	20.988	ng/ul	98
96) Benzo(g,h,i)perylene	30.24	276	305919	20.648	ng/ul	97

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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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