Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031521\
Data File : BG048376.D
Acq On : 15 Mar 2021 9:01
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020012

Manual Integrations APPROVED
mohammad
3/16/2021 11:16:21 AM

Quant Time: Mar 15 10:47:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG031121.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 15 10:45:12 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	44011	20.00	ng/ul	0.00
20) Naphthalene-d8	10.94	136	171829	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.76	164	130146	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.51	188	339602	20.00	ng/ul	0.00
79) Chrysene-d12	21.80	240	391287	20.00	ng/ul	0.00
88) Perylene-d12	25.15	264	387997	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	8486	8.35	ng/uL	0.00
4) Pyridine-d5	3.93	84	58156	18.70	ng/ul	0.00
7) Phenol-d5	7.26	99	65696	17.18	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.43	67	43113	18.26	ng/ul	0.00
11) 2-Chlorophenol-d4	7.64	132	46809	17.62	ng/ul	0.00
15) 4-Methylphenol-d8	8.81	113	54276	17.30	ng/ul	0.00
21) Nitrobenzene-d5	9.29	128	21949	18.45	ng/ul	0.00
24) 2-Nitrophenol-d4	10.01	143	22493	17.27	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.55	165	54796	17.12	ng/ul	0.00
31) 4-Chloroaniline-d4	11.06	131	70881	17.58	ng/ul	0.00
46) Dimethylphthalate-d6	14.15	166	190965	17.84	ng/ul	0.00
49) Acenaphthylene-d8	14.45	160	210404	17.90	ng/ul	0.00
54) 4-Nitrophenol-d4	14.92	143	29194	18.31	ng/ul	0.00
60) Fluorene-d10	15.75	176	167465	17.72	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.85	200	26774	15.43	ng/ul	0.00
73) Anthracene-d10	17.61	188	284943	18.36	ng/ul	0.00
81) Pyrene-d10	19.89	212	356955	17.84	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.92	264	389977	18.54	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	7961	7.810	ng/uL#	92
5) Pyridine	3.95	79	59410	19.126	ng/ul	100
6) Benzaldehyde	7.25	77	53494	22.156	ng/ul	93
8) Phenol	7.28	94	73682	18.228	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.53	93	56251	19.082	ng/ul	93
12) 2-Chlorophenol	7.67	128	49073	17.400	ng/ul	95
13) 2-Methylphenol	8.55	108	53150	17.576	ng/ul	86
14) 2,2'-oxybis(1-Chloropropan	8.65	45	64696	18.576	ng/ul	96
16) Acetophenone	8.94	105	90266	17.555	ng/ul	95
17) N-Nitroso-di-n-propylamine	8.92	70	52765	17.308	ng/ul#	92
18) 4-Methylphenol	8.87	108	55418	17.456	ng/ul	96
19) Hexachloroethane	9.22	117	23879	18.170	ng/ul	86
22) Nitrobenzene	9.32	77	75451	19.237	ng/ul	98
23) Isophorone	9.85	82	144861	17.868	ng/ul	98
25) 2-Nitrophenol	10.04	139	27076	18.253	ng/ul	98
26) 2,4-Dimethylphenol	10.09	107	70462	18.052	ng/ul	96
27) Bis(2-Chloroethoxy)methane	10.34	93	74896	18.351	ng/ul	92
29) 2,4-Dichlorophenol	10.58	162	53701	17.960	ng/ul	94
30) Naphthalene	10.99	128	168561	18.563	ng/ul	99
32) 4-Chloroaniline	11.09	127	71345	17.998	ng/ul	90
33) Hexachlorobutadiene	11.28	225	53840	18.930	ng/ul	95
34) Caprolactam	11.84	113	18759m	16.467	ng/ul	

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35) 4-Chloro-3-methylphenol	12.20	107	62899	17.937	ng/ul	96
36) 2-Methylnaphthalene	12.59	142	128728	18.378	ng/ul	91
37) 1-Methylnaphthalene	12.81	142	129163	18.618	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	91775	18.524	ng/ul	94
40) Hexachlorocyclopentadiene	12.94	237	57898	16.094	ng/ul#	99
41) 2,4,6-Trichlorophenol	13.18	196	52190	17.119	ng/ul	96
42) 2,4,5-Trichlorophenol	13.26	196	54765	16.735	ng/ul	92
43) 1,1'-Biphenyl	13.59	154	176402	18.317	ng/ul#	95
44) 2-Chloronaphthalene	13.64	162	138664	18.382	ng/ul	99
45) 2-Nitroaniline	13.83	65	40736	17.481	ng/ul	96
47) Dimethylphthalate	14.20	163	195114	18.042	ng/ul	97
48) 2,6-Dinitrotoluene	14.32	165	33709	18.200	ng/ul	94
50) Acenaphthylene	14.48	152	209814	18.611	ng/ul	99
51) 3-Nitroaniline	14.65	138	34300	19.262	ng/ul	87
52) Acenaphthene	14.82	153	152236	18.208	ng/ul	96
53) 2,4-Dinitrophenol	14.85	184	20125	16.333	ng/ul	88
55) 4-Nitrophenol	14.94	109	38015	18.002	ng/ul	87
56) Dibenzofuran	15.15	168	217410	18.306	ng/ul	96
57) 2,4-Dinitrotoluene	15.11	165	48564	18.228	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.38	232	55795	18.036	ng/ul	97
59) Diethylphthalate	15.56	149	190529	17.629	ng/ul	96
61) Fluorene	15.81	166	185950	18.394	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.79	204	109429	17.844	ng/ul	99
63) 4-Nitroaniline	15.81	138	37689	20.328	ng/ul	91
66) 4,6-Dinitro-2-methylphenol	15.86	198	29028	15.931	ng/ul	94
67) N-Nitrosodiphenylamine	16.01	169	168642	17.928	ng/ul	96
68) 4-Bromophenyl-phenylether	16.69	248	75416	17.461	ng/ul	95
69) Hexachlorobenzene	16.81	284	83085	18.304	ng/ul	93
70) Atrazine	16.95	200	72764	17.189	ng/ul	98
71) Pentachlorophenol	17.15	266	46102	16.009	ng/ul	98
72) Phenanthrene	17.55	178	327324	18.983	ng/ul	97
74) Anthracene	17.64	178	332908	18.767	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.56	216	96330	18.093	ng/uL	96
76) Pentachlorobenzene	15.07	250	98222	17.611	ng/uL	97
77) Carbazole	17.91	167	291771	19.414	ng/ul	99
78) Di-n-butylphthalate	18.47	149	343341	18.253	ng/ul	99
80) Fluoranthene	19.56	202	452530	18.225	ng/ul#	97
82) Pyrene	19.92	202	459844	18.545	ng/ul	99
83) Butylbenzylphthalate	20.81	149	142101	16.025	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.69	252	179098	18.687	ng/ul	94
85) Benzo(a)anthracene	21.79	228	475071	18.376	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.69	149	207560	16.056	ng/ul	97
87) Chrysene	21.85	228	456590	18.469	ng/ul	99
89) Di-n-octyl phthalate	22.96	149	350131	16.578	ng/ul	100
90) Benzo(b)fluoranthene	24.08	252	487426	18.994	ng/ul	99
91) Benzo(k)fluoranthene	24.15	252	468187	18.565	ng/ul	97
93) Benzo(a)pyrene	24.99	252	419647	18.614	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.98	276	544481	18.775	ng/ul	98
95) Dibenzo(a,h)anthracene	29.05	278	449815	19.078	ng/ul	98
96) Benzo(g,h,i)perylene	30.17	276	443776m	18.879	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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