Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011321\
Data File : BG047908.D
Acq On : 13 Jan 2021 13:17
Operator : CG/JU
Sample : SSTD04001
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD040001

Manual Integrations APPROVED
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Quant Time: Jan 13 13:56:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG011321.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 13:21:44 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	70632	20.00	ng/ul	0.00
20) Naphthalene-d8	10.97	136	294159	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.78	164	196779	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.52	188	483502	20.00	ng/ul	0.00
79) Chrysene-d12	21.80	240	482222	20.00	ng/ul	0.00
88) Perylene-d12	25.11	264	497685	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	31198	19.43	ng/uL	0.00
4) Pyridine-d5	3.98	84	223942	49.13	ng/ul	0.00
7) Phenol-d5	7.29	99	255162	43.06	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.47	67	164392	52.66	ng/ul	0.00
11) 2-Chlorophenol-d4	7.69	132	194380	43.38	ng/ul	0.00
15) 4-Methylphenol-d8	8.85	113	201707	44.76	ng/ul	0.00
21) Nitrobenzene-d5	9.32	128	78501	31.71	ng/ul	0.00
24) 2-Nitrophenol-d4	10.04	143	83368	29.59	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.58	165	215913	36.28	ng/ul	0.00
31) 4-Chloroaniline-d4	11.09	131	281654	40.67	ng/ul	0.00
46) Dimethylphthalate-d6	14.18	166	650741	40.07	ng/ul	0.00
49) Acenaphthylene-d8	14.47	160	759723	40.91	ng/ul	0.00
54) 4-Nitrophenol-d4	14.94	143	100176	40.50	ng/ul	0.00
60) Fluorene-d10	15.76	176	578101	38.13	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.87	200	86457	26.13	ng/ul	0.00
73) Anthracene-d10	17.62	188	904290	38.47	ng/ul	0.00
81) Pyrene-d10	19.90	212	1051947	40.30	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.89	264	1095926	39.24	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.60	88	33122	19.996	ng/uL	95
5) Pyridine	4.00	79	227273	53.168	ng/ul	95
6) Benzaldehyde	7.29	77	146227	53.712	ng/ul	93
8) Phenol	7.32	94	256364	44.031	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.57	93	197522	48.776	ng/ul	96
12) 2-Chlorophenol	7.72	128	189357	42.595	ng/ul	97
13) 2-Methylphenol	8.58	108	195822	44.208	ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	8.68	45	299358	79.427	ng/ul	99
16) Acetophenone	8.98	105	302373	39.947	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.97	70	178949	43.056	ng/ul#	94
18) 4-Methylphenol	8.91	108	203612	41.888	ng/ul	100
19) Hexachloroethane	9.25	117	86488	39.731	ng/ul	90
22) Nitrobenzene	9.36	77	246667	33.468	ng/ul	96
23) Isophorone	9.89	82	510207	39.856	ng/ul	98
25) 2-Nitrophenol	10.07	139	97020	32.955	ng/ul	96
26) 2,4-Dimethylphenol	10.12	107	241201	34.901	ng/ul	97
27) Bis(2-Chloroethoxy)methane	10.36	93	274649	44.951	ng/ul	95
29) 2,4-Dichlorophenol	10.61	162	194891	35.695	ng/ul	99
30) Naphthalene	11.02	128	621253	38.225	ng/ul	99
32) 4-Chloroaniline	11.12	127	259360	39.173	ng/ul	100
33) Hexachlorobutadiene	11.31	225	171566	29.262	ng/ul	95
34) Caprolactam	11.87	113	73074m	39.511	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.22	107	222154	36.914	ng/ul	94
36) 2-Methylnaphthalene	12.62	142	467666	38.134	ng/ul	99
37) 1-Methylnaphthalene	12.83	142	440425	37.587	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	298305	36.809	ng/ul	99
40) Hexachlorocyclopentadiene	12.96	237	184148	34.658	ng/ul	96
41) 2,4,6-Trichlorophenol	13.21	196	187107	38.502	ng/ul	98
42) 2,4,5-Trichlorophenol	13.28	196	196506	38.180	ng/ul	99
43) 1,1'-Biphenyl	13.61	154	602570	39.645	ng/ul	99
44) 2-Chloronaphthalene	13.66	162	472572	39.500	ng/ul	97
45) 2-Nitroaniline	13.85	65	133134	32.397	ng/ul	92
47) Dimethylphthalate	14.23	163	657436	39.508	ng/ul	99
48) 2,6-Dinitrotoluene	14.34	165	112483	31.993	ng/ul	99
50) Acenaphthylene	14.50	152	718178	41.041	ng/ul	98
51) 3-Nitroaniline	14.67	138	97596	38.662	ng/ul#	95
52) Acenaphthene	14.84	153	531805	42.761	ng/ul	95
53) 2,4-Dinitrophenol	14.87	184	59686	28.619	ng/ul#	83
55) 4-Nitrophenol	14.96	109	108456	25.858	ng/ul	98
56) Dibenzofuran	15.17	168	715452	39.715	ng/ul	100
57) 2,4-Dinitrotoluene	15.12	165	156219	31.003	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.39	232	185474	38.912	ng/ul	96
59) Diethylphthalate	15.59	149	659023	40.007	ng/ul	97
61) Fluorene	15.82	166	607824	39.254	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.81	204	347126	35.844	ng/ul	99
63) 4-Nitroaniline	15.83	138	104489	44.028	ng/ul	86
66) 4,6-Dinitro-2-methylphenol	15.89	198	98761	29.402	ng/ul#	91
67) N-Nitrosodiphenylamine	16.02	169	546749	40.640	ng/ul	97
68) 4-Bromophenyl-phenylether	16.70	248	243100	39.160	ng/ul	93
69) Hexachlorobenzene	16.82	284	244736	35.912	ng/ul	97
70) Atrazine	16.97	200	242551	37.845	ng/ul	98
71) Pentachlorophenol	17.16	266	153649	47.967	ng/ul	99
72) Phenanthrene	17.56	178	1019118	38.818	ng/ul	96
74) Anthracene	17.66	178	1016309	38.749	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.58	216	309137	39.452	ng/uL	98
76) Pentachlorobenzene	15.09	250	291591	38.136	ng/uL	96
77) Carbazole	17.91	167	895288	41.874	ng/ul	96
78) Di-n-butylphthalate	18.48	149	1115486	42.538	ng/ul	99
80) Fluoranthene	19.56	202	1349846	40.841	ng/ul	99
82) Pyrene	19.92	202	1284023	39.352	ng/ul	97
83) Butylbenzylphthalate	20.81	149	498306	43.778	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.69	252	477721	40.235	ng/ul	97
85) Benzo(a)anthracene	21.78	228	1314880	38.630	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.70	149	694562	44.270	ng/ul	98
87) Chrysene	21.85	228	1258222	38.957	ng/ul	97
89) Di-n-octyl phthalate	22.96	149	1190965	45.473	ng/ul	100
90) Benzo(b)fluoranthene	24.07	252	1347303	38.732	ng/ul	98
91) Benzo(k)fluoranthene	24.14	252	1309758	38.111	ng/ul	98
93) Benzo(a)pyrene	24.97	252	1222241	39.842	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.90	276	1529344	40.287	ng/ul	97
95) Dibenzo(a,h)anthracene	28.98	278	1235616	39.193	ng/ul	95
96) Benzo(g,h,i)perylene	30.09	276	1248399m	39.930	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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