Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG121120\
Data File : BG047714.D
Acq On : 11 Dec 2020 13:32
Operator : CG/JU
Sample : SSTD16002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD160002

Quant Time: Dec 11 14:08:08 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	8.21	152	25780	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	95963	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.83	164	73935	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.57	188	197583	20.00	ng/ul	0.00
79) Chrysene-d12	21.85	240	192818	20.00	ng/ul	0.00
88) Perylene-d12	25.21	264	207561	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	34832	64.79	ng/uL	0.00
4) Pyridine-d5	3.95	84	275187	165.59	ng/ul	0.00
7) Phenol-d5	7.35	99	355631	159.16	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.52	67	176958	150.27	ng/ul	0.00
11) 2-Chlorophenol-d4	7.74	132	264531	160.97	ng/ul	0.00
15) 4-Methylphenol-d8	8.92	113	268549	152.79	ng/ul	0.02
21) Nitrobenzene-d5	9.38	128	125878	157.53	ng/ul	0.00
24) 2-Nitrophenol-d4	10.11	143	153775	157.67	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.65	165	319401	165.65	ng/ul	0.00
31) 4-Chloroaniline-d4	11.17	131	371242	162.20	ng/ul	0.02
46) Dimethylphthalate-d6	14.23	166	958047	152.52	ng/ul	0.01
49) Acenaphthylene-d8	14.53	160	1088926	151.23	ng/ul	0.00
54) 4-Nitrophenol-d4	15.03	143	155437	169.87	ng/ul	0.03
60) Fluorene-d10	15.82	176	891283	155.36	ng/ul	0.01
65) 4,6-Dinitro-2-methylphenol	15.95	200	228363	179.33	ng/ul	0.03
73) Anthracene-d10	17.67	188	1418090	148.01	ng/ul	0.01
81) Pyrene-d10	19.94	212	1632176	136.79	ng/ul	0.01
92) Benzo(a)pyrene-d12	25.00	264	1803527	154.29	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	38556	69.177	ng/uL#	78
5) Pyridine	3.97	79	261393	158.377	ng/ul	93
6) Benzaldehyde	7.33	77	116464	124.082	ng/ul	94
8) Phenol	7.39	94	341668	159.223	ng/ul	88
10) Bis(2-Chloroethyl)ether	7.62	93	232340	154.460	ng/ul	97
12) 2-Chlorophenol	7.77	128	255735	154.381	ng/ul	96
13) 2-Methylphenol	8.65	108	268146	156.437	ng/ul	86
14) 2,2'-oxybis(1-Chloropropan	8.73	45	212429	151.248	ng/ul#	91
16) Acetophenone	9.04	105	427575	149.753	ng/ul	94
17) N-Nitroso-di-n-propylamine	9.04	70	229951	148.093	ng/ul#	87
18) 4-Methylphenol	8.99	108	276140	154.062	ng/ul	100
19) Hexachloroethane	9.31	117	124090	157.779	ng/ul#	84
22) Nitrobenzene	9.43	77	376835	155.453	ng/ul#	87
23) Isophorone	9.97	82	655822	153.868	ng/ul	96
25) 2-Nitrophenol	10.14	139	160465	164.083	ng/ul	97
26) 2,4-Dimethylphenol	10.19	107	352529	154.463	ng/ul	97
27) Bis(2-Chloroethoxy)methane	10.43	93	306903	158.978	ng/ul#	91
29) 2,4-Dichlorophenol	10.68	162	283786	159.656	ng/ul	92
30) Naphthalene	11.09	128	827235	155.360	ng/ul	100
32) 4-Chloroaniline	11.19	127	347124	160.739	ng/ul	97
33) Hexachlorobutadiene	11.37	225	292833	160.527	ng/ul	89
34) Caprolactam	11.99	113	52101	86.624	ng/ul#	35

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.30	107	328630	162.366	ng/ul#	82
36) 2-Methylnaphthalene	12.68	142	633263	156.599	ng/ul	95
37) 1-Methylnaphthalene	12.90	142	600844	154.718	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	473585	157.378	ng/ul	91
40) Hexachlorocyclopentadiene	13.02	237	347474	171.566	ng/ul#	98
41) 2,4,6-Trichlorophenol	13.27	196	301733	160.868	ng/ul	97
42) 2,4,5-Trichlorophenol	13.35	196	320108	156.069	ng/ul	100
43) 1,1'-Biphenyl	13.67	154	858681	149.601	ng/ul	100
44) 2-Chloronaphthalene	13.72	162	698589	151.152	ng/ul	97
45) 2-Nitroaniline	13.92	65	261691	164.890	ng/ul	96
47) Dimethylphthalate	14.28	163	966221	148.076	ng/ul	98
48) 2,6-Dinitrotoluene	14.41	165	217777	159.583	ng/ul	97
50) Acenaphthylene	14.56	152	1006859	148.749	ng/ul	97
51) 3-Nitroaniline	14.74	138	145121	157.661	ng/ul#	92
52) Acenaphthene	14.90	153	743882	151.443	ng/ul	97
53) 2,4-Dinitrophenol	14.94	184	160008	212.027	ng/ul#	81
55) 4-Nitrophenol	15.05	109	263845	166.279	ng/ul	98
56) Dibenzofuran	15.23	168	1048555	147.144	ng/ul	98
57) 2,4-Dinitrotoluene	15.19	165	310993	159.527	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.45	232	327948	173.963	ng/ul#	95
59) Diethylphthalate	15.64	149	967978	152.272	ng/ul	99
61) Fluorene	15.88	166	921956	153.118	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.86	204	579619	157.267	ng/ul	94
63) 4-Nitroaniline	15.91	138	142927	156.112	ng/ul#	62
66) 4,6-Dinitro-2-methylphenol	15.96	198	232685	172.927	ng/ul	98
67) N-Nitrosodiphenylamine	16.08	169	825156	151.791	ng/ul	98
68) 4-Bromophenyl-phenylether	16.75	248	406124	157.404	ng/ul	96
69) Hexachlorobenzene	16.88	284	439126	159.792	ng/ul	91
70) Atrazine	17.02	200	396495	155.689	ng/ul#	97
71) Pentachlorophenol	17.22	266	271387	206.444	ng/ul	89
72) Phenanthrene	17.62	178	1587826	149.757	ng/ul	97
74) Anthracene	17.71	178	1551319	146.109	ng/ul	96
75) 1,2,3,4-Tetrachlorobenzene	13.64	216	491402	153.209	ng/uL	94
76) Pentachlorobenzene	15.15	250	486884	152.336	ng/uL	96
77) Carbazole	17.97	167	1303410	153.575	ng/ul	97
78) Di-n-butylphthalate	18.51	149	1554127	150.951	ng/ul	97
80) Fluoranthene	19.61	202	2068256	141.989	ng/ul#	97
82) Pyrene	19.97	202	1948693	136.734	ng/ul#	98
83) Butylbenzylphthalate	20.83	149	729134	153.313	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.73	252	695334	154.232	ng/ul#	89
85) Benzo(a)anthracene	21.83	228	2046503	149.511	ng/ul	94
86) Bis(2-ethylhexyl)phthalate	21.71	149	1024429	158.588	ng/ul	98
87) Chrysene	21.90	228	1954536	150.669	ng/ul	94
89) Di-n-octyl phthalate	22.97	149	1658229	153.193	ng/ul	100
90) Benzo(b)fluoranthene	24.15	252	2260229	157.386	ng/ul#	94
91) Benzo(k)fluoranthene	24.23	252	2072233	147.484	ng/ul	94
93) Benzo(a)pyrene	25.08	252	1962142	152.339	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.11	276	2475428	158.813	ng/ul	98
95) Dibenzo(a,h)anthracene	29.18	278	2022683	155.239	ng/ul	98
96) Benzo(g,h,i)perylene	30.34	276	2042622	159.920	ng/ul	93

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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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