Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009947.D
Acq On : 27 Feb 2020 02:31
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02065

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Quant Time: Feb 27 08:28:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	90694	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	391223	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	277129	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	667073	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	698253	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	700021	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	18394	8.34	ng/uL	0.00
5) Phenol-d5	6.59	99	161143	20.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	116339	21.85	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	126608	21.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	135963	22.16	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	62303	21.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	67256	21.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	133436	22.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	156097	23.08	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	467285	22.57	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	515476	21.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	75903	20.08	ng/ul	0.00
58) Fluorene-d10	15.03	176	397514	22.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	75335	18.18	ng/ul	0.00
71) Anthracene-d10	16.88	188	623101	20.38	ng/ul	0.00
79) Pyrene-d10	19.19	212	689260	18.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	717290	20.52	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	19067	7.527	ng/uL	91
4) Benzaldehyde	6.55	77	67525	13.163	ng/ul	91
6) Phenol	6.61	94	170188	20.587	ng/ul	94
8) Bis(2-Chloroethyl)ether	6.83	93	135863	20.911	ng/ul	95
10) 2-Chlorophenol	6.95	128	130139	21.273	ng/ul	93
11) 2-Methylphenol	7.83	108	124580	20.594	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.90	45	371800	23.343	ng/ul	98
14) Acetophenone	8.20	105	213747	21.376	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.19	70	116637	22.324	ng/ul	95
16) 4-Methylphenol	8.16	108	142770	21.509	ng/ul	98
17) Hexachloroethane	8.42	117	60553	21.757	ng/ul	92
20) Nitrobenzene	8.56	77	181714	21.546	ng/ul	98
21) Isophorone	9.09	82	324808	21.883	ng/ul	100
23) 2-Nitrophenol	9.27	139	74947	21.392	ng/ul	98
24) 2,4-Dimethylphenol	9.34	107	161616	21.246	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.57	93	189657	20.907	ng/ul	99
27) 2,4-Dichlorophenol	9.79	162	131343	21.627	ng/ul	96
28) Naphthalene	10.17	128	446716	21.175	ng/ul	100
30) 4-Chloroaniline	10.30	127	159167	22.982	ng/ul	98
31) Hexachlorobutadiene	10.46	225	85356	21.017	ng/ul	90
32) Caprolactam	11.08	113	47637m	23.390	ng/ul	
33) 4-Chloro-3-methylphenol	11.44	107	159541	22.974	ng/ul	98
34) 2-Methylnaphthalene	11.80	142	314381	21.461	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.02	142	319120	21.733 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.19	216	158952	19.351 ng/ul	97
38) Hexachlorocyclopentadiene	12.16	237	51727	14.554 ng/ul	94
39) 2,4,6-Trichlorophenol	12.44	196	106695	20.465 ng/ul	97
40) 2,4,5-Trichlorophenol	12.52	196	116161	20.769 ng/ul	99
41) 1,1'-Biphenyl	12.84	154	414280	19.463 ng/ul	99
42) 2-Chloronaphthalene	12.87	162	332398	19.664 ng/ul	99
43) 2-Nitroaniline	13.11	65	137500	22.243 ng/ul	98
45) Dimethylphthalate	13.50	163	477592	22.111 ng/ul	99
46) 2,6-Dinitrotoluene	13.62	165	92575	21.893 ng/ul	99
48) Acenaphthylene	13.73	152	543079	20.581 ng/ul	100
49) 3-Nitroaniline	13.95	138	75704	19.392 ng/ul	95
50) Acenaphthene	14.09	153	368917	20.394 ng/ul	100
51) 2,4-Dinitrophenol	14.19	184	43959	18.109 ng/ul	92
53) 4-Nitrophenol	14.28	109	72955	21.386 ng/ul	89
54) Dibenzofuran	14.43	168	522105	20.564 ng/ul	97
55) 2,4-Dinitrotoluene	14.43	165	141727	22.616 ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.66	232	106853	22.220 ng/ul	99
57) Diethylphthalate	14.88	149	479830	21.635 ng/ul	99
59) Fluorene	15.08	166	448411	21.044 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.09	204	221389	21.067 ng/ul	97
61) 4-Nitroaniline	15.13	138	85845m	18.033 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.20	198	79750	17.865 ng/ul	97
65) N-Nitrosodiphenylamine	15.30	169	387057	19.556 ng/ul	98
66) 4-Bromophenyl-phenylether	15.98	248	131236	19.661 ng/ul	95
67) Hexachlorobenzene	16.09	284	144389	19.549 ng/ul	94
68) Atrazine	16.27	200	146144	19.465 ng/ul	96
69) Pentachlorophenol	16.45	266	71934	16.853 ng/ul	94
70) Phenanthrene	16.82	178	747761	19.642 ng/ul	99
72) Anthracene	16.92	178	762234	19.586 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.80	216	165303	16.962 ng/uL	93
74) Pentachlorobenzene	14.35	250	168075	17.883 ng/uL	98
75) Carbazole	17.20	167	654097	19.085 ng/ul	98
76) Di-n-butylphthalate	17.77	149	829364	19.606 ng/ul	99
77) Fluoranthene	18.85	202	871880	19.552 ng/ul	99
80) Pyrene	19.22	202	916460	18.205 ng/ul	95
81) Butylbenzylphthalate	20.15	149	399614	19.310 ng/ul	95
82) 3,3'-Dichlorobenzidine	20.93	252	251176	16.499 ng/ul	98
83) Benzo(a)anthracene	20.99	228	895775	18.668 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.94	149	593894	18.797 ng/ul	97
85) Chrysene	21.04	228	864668	18.304 ng/ul	98
87) Di-n-octyl phthalate	21.79	149	1013282	19.125 ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	879400	19.376 ng/ul	100
89) Benzo(k)fluoranthene	22.53	252	910273	21.181 ng/ul	97
91) Benzo(a)pyrene	23.01	252	819048	20.064 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.14	276	976733	20.153 ng/ul	97
93) Dibenzo(a,h)anthracene	25.14	278	788545	19.019 ng/ul	97
94) Benzo(g,h,i)perylene	25.76	276	812846	20.002 ng/ul	98

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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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