Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021420\
Data File : BN009719.D
Acq On : 14 Feb 2020 11:14
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02064

Quant Time: Feb 17 00:40:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 13 11:04:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	97823	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	412478	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	262249	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	580581	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	586151	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	581190	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	20437	8.59	ng/uL	0.00
5) Phenol-d5	6.62	99	164957	19.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	118457	20.63	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	129018	20.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	137957	20.84	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	63723	21.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	66937	20.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	130996	20.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	142246	19.95	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	419379	21.41	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	492027	21.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	72533	20.27	ng/ul	0.00
58) Fluorene-d10	15.06	176	351792	20.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	67037	18.59	ng/ul	0.00
71) Anthracene-d10	16.91	188	546423	20.53	ng/ul	0.00
79) Pyrene-d10	19.22	212	613724	20.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	612571	21.11	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	22287	8.16	ng/uL	90
4) Benzaldehyde	6.59	77	124052	22.42	ng/ul	99
6) Phenol	6.65	94	177874	19.95	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.87	93	146745	20.94	ng/ul	98
10) 2-Chlorophenol	6.99	128	133525	20.24	ng/ul	96
11) 2-Methylphenol	7.87	108	130021	19.93	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.95	45	358220	20.85	ng/ul	98
14) Acetophenone	8.23	105	217670	20.18	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.22	70	118509	21.03	ng/ul	98
16) 4-Methylphenol	8.19	108	142269	19.87	ng/ul	90
17) Hexachloroethane	8.47	117	61678	20.55	ng/ul	92
20) Nitrobenzene	8.60	77	182435	20.52	ng/ul	96
21) Isophorone	9.13	82	321001	20.51	ng/ul	99
23) 2-Nitrophenol	9.30	139	77429	20.96	ng/ul	97
24) 2,4-Dimethylphenol	9.38	107	164458	20.51	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.61	93	200628	20.98	ng/ul	99
27) 2,4-Dichlorophenol	9.83	162	134692	21.04	ng/ul	97
28) Naphthalene	10.22	128	459146	20.64	ng/ul	99
30) 4-Chloroaniline	10.35	127	146215	20.02	ng/ul	99
31) Hexachlorobutadiene	10.50	225	84796	19.80	ng/ul	90
32) Caprolactam	11.13	113	40407	18.82	ng/ul	97
33) 4-Chloro-3-methylphenol	11.48	107	154801	21.14	ng/ul	98
34) 2-Methylnaphthalene	11.84	142	322495	20.88	ng/ul	96

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 13 11:04:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	320269	20.69	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.22	216	164440	21.15	ng/ul	96
38) Hexachlorocyclopentadiene	12.20	237	59193	17.60	ng/ul	94
39) 2,4,6-Trichlorophenol	12.47	196	101968	20.67	ng/ul	92
40) 2,4,5-Trichlorophenol	12.55	196	110950	20.96	ng/ul	99
41) 1,1'-Biphenyl	12.88	154	421360	20.92	ng/ul	97
42) 2-Chloronaphthalene	12.92	162	331848	20.75	ng/ul	98
43) 2-Nitroaniline	13.14	65	124553	21.29	ng/ul	97
45) Dimethylphthalate	13.53	163	434129	21.24	ng/ul	99
46) 2,6-Dinitrotoluene	13.65	165	86362	21.58	ng/ul	99
48) Acenaphthylene	13.77	152	529331	21.20	ng/ul	99
49) 3-Nitroaniline	13.98	138	74698	20.22	ng/ul	96
50) Acenaphthene	14.12	153	354740	20.72	ng/ul	96
51) 2,4-Dinitrophenol	14.21	184	38792	16.89	ng/ul	92
53) 4-Nitrophenol	14.31	109	66047	20.46	ng/ul	97
54) Dibenzofuran	14.46	168	511982	21.31	ng/ul	94
55) 2,4-Dinitrotoluene	14.46	165	131052	22.10	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.70	232	97657	21.46	ng/ul	97
57) Diethylphthalate	14.91	149	449723	21.43	ng/ul	98
59) Fluorene	15.12	166	428150	21.23	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.12	204	208782	20.99	ng/ul	99
61) 4-Nitroaniline	15.15	138	84518	18.76	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.23	198	72990	18.79	ng/ul	99
65) N-Nitrosodiphenylamine	15.34	169	360361	20.92	ng/ul	98
66) 4-Bromophenyl-phenylether	16.02	248	121508	20.92	ng/ul	97
67) Hexachlorobenzene	16.13	284	132362	20.59	ng/ul	96
68) Atrazine	16.30	200	131623	20.14	ng/ul	92
69) Pentachlorophenol	16.47	266	69602	18.74	ng/ul	92
70) Phenanthrene	16.86	178	689632	20.81	ng/ul	100
72) Anthracene	16.95	178	708995	20.93	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.84	216	175000	20.63	ng/uL	91
74) Pentachlorobenzene	14.39	250	168741	20.63	ng/uL	98
75) Carbazole	17.22	167	599970	20.11	ng/ul	98
76) Di-n-butylphthalate	17.80	149	765819	20.80	ng/ul	99
77) Fluoranthene	18.88	202	781927	20.15	ng/ul	99
80) Pyrene	19.25	202	836144	19.79	ng/ul	100
81) Butylbenzylphthalate	20.18	149	345290	19.88	ng/ul	97
82) 3,3'-Dichlorobenzidine	20.96	252	244526	19.13	ng/ul	98
83) Benzo(a)anthracene	21.02	228	800703	19.88	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.97	149	520501	19.62	ng/ul	97
85) Chrysene	21.06	228	768584	19.38	ng/ul	99
87) Di-n-octyl phthalate	21.82	149	878874	19.98	ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	778440	20.66	ng/ul	99
89) Benzo(k)fluoranthene	22.56	252	764914	21.44	ng/ul	97
91) Benzo(a)pyrene	23.04	252	713404	21.05	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.19	276	841417	20.91	ng/ul	98
93) Dibenzo(a,h)anthracene	25.20	278	709345	20.61	ng/ul	98
94) Benzo(g,h,i)perylene	25.82	276	700048	20.75	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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