Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009828.D
Acq On : 22 Feb 2020 03:28
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02073

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Quant Time: Feb 22 04:00:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 22:14:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	111313	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.13	136	466931	20.00	ng/ul	-0.03
36) Acenaphthene-d10	14.03	164	296270	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	624281	20.00	ng/ul	-0.02
78) Chrysene-d12	21.00	240	587510	20.00	ng/ul	-0.02
86) Perylene-d12	23.10	264	619395	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	20565	7.60	ng/uL	-0.02
5) Phenol-d5	6.59	99	179641	18.97	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	130852	20.03	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.93	132	142707	20.02	ng/ul	-0.02
13) 4-Methylphenol-d8	8.10	113	148376	19.70	ng/ul	-0.02
19) Nitrobenzene-d5	8.53	128	70319	20.58	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.25	143	77183	20.65	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.78	165	149410	20.80	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.29	131	162652	20.15	ng/ul	-0.02
44) Dimethylphthalate-d6	13.46	166	429001	19.39	ng/ul	-0.02
47) Acenaphthylene-d8	13.72	160	524999	20.14	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.27	143	72052	17.83	ng/ul	-0.02
58) Fluorene-d10	15.03	176	375667	19.66	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.19	200	70320	18.13	ng/ul	-0.02
71) Anthracene-d10	16.89	188	566423	19.79	ng/ul	-0.02
79) Pyrene-d10	19.19	212	607704	19.79	ng/ul	-0.02
90) Benzo(a)pyrene-d12	22.97	264	621539	20.09	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	24028	7.728	ng/uL	99
4) Benzaldehyde	6.56	77	132376	21.024	ng/ul	94
6) Phenol	6.62	94	197129	19.429	ng/ul	94
8) Bis(2-Chloroethyl)ether	6.84	93	156138	19.580	ng/ul	94
10) 2-Chlorophenol	6.96	128	152215	20.273	ng/ul	98
11) 2-Methylphenol	7.84	108	147581	19.877	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.93	45	410765	21.012	ng/ul	98
14) Acetophenone	8.20	105	243816	19.867	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.20	70	135731	21.166	ng/ul	97
16) 4-Methylphenol	8.17	108	161229	19.791	ng/ul	93
17) Hexachloroethane	8.44	117	69087	20.225	ng/ul	97
20) Nitrobenzene	8.58	77	204330	20.299	ng/ul	95
21) Isophorone	9.09	82	356650	20.132	ng/ul	100
23) 2-Nitrophenol	9.28	139	84221	20.141	ng/ul	98
24) 2,4-Dimethylphenol	9.35	107	183342	20.194	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.58	93	213501	19.719	ng/ul	99
27) 2,4-Dichlorophenol	9.80	162	148562	20.496	ng/ul	95
28) Naphthalene	10.19	128	504733	20.045	ng/ul	100
30) 4-Chloroaniline	10.32	127	167649	20.282	ng/ul	98
31) Hexachlorobutadiene	10.47	225	96806	19.971	ng/ul	90
32) Caprolactam	11.10	113	46168m	18.993	ng/ul	
33) 4-Chloro-3-methylphenol	11.45	107	165473	19.965	ng/ul	97
34) 2-Methylnaphthalene	11.81	142	353088	20.195	ng/ul	95

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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	12.03	142	347877	19.850	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.19	216	174507	19.872	ng/ul	98
38) Hexachlorocyclopentadiene	12.17	237	64549	16.989	ng/ul	95
39) 2,4,6-Trichlorophenol	12.45	196	111757	20.051	ng/ul	95
40) 2,4,5-Trichlorophenol	12.52	196	116915	19.553	ng/ul	97
41) 1,1'-Biphenyl	12.85	154	456427	20.058	ng/ul	96
42) 2-Chloronaphthalene	12.89	162	363578	20.119	ng/ul	99
43) 2-Nitroaniline	13.11	65	134643	20.374	ng/ul	98
45) Dimethylphthalate	13.50	163	452180	19.582	ng/ul	100
46) 2,6-Dinitrotoluene	13.63	165	90048	19.920	ng/ul	100
48) Acenaphthylene	13.75	152	574925	20.380	ng/ul	98
49) 3-Nitroaniline	13.96	138	78317	18.766	ng/ul	89
50) Acenaphthene	14.09	153	387322	20.029	ng/ul	98
51) 2,4-Dinitrophenol	14.19	184	39823	15.345	ng/ul	97
53) 4-Nitrophenol	14.29	109	67454	18.496	ng/ul	96
54) Dibenzofuran	14.43	168	536613	19.770	ng/ul	99
55) 2,4-Dinitrotoluene	14.43	165	133638	19.947	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	14.67	232	103235	20.081	ng/ul	99
57) Diethylphthalate	14.89	149	449061	18.939	ng/ul	99
59) Fluorene	15.09	166	452950	19.884	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.09	204	219218	19.513	ng/ul	95
61) 4-Nitroaniline	15.13	138	95845m	18.833	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.20	198	73293	17.544	ng/ul#	92
65) N-Nitrosodiphenylamine	15.32	169	371398	20.051	ng/ul	98
66) 4-Bromophenyl-phenylether	15.99	248	125264	20.053	ng/ul	95
67) Hexachlorobenzene	16.10	284	137911	19.952	ng/ul	97
68) Atrazine	16.28	200	132997	18.928	ng/ul	97
69) Pentachlorophenol	16.46	266	67508	16.900	ng/ul	98
70) Phenanthrene	16.83	178	691628	19.413	ng/ul	96
72) Anthracene	16.92	178	713838	19.599	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.81	216	187533	20.562	ng/uL	93
74) Pentachlorobenzene	14.36	250	175849	19.993	ng/uL	99
75) Carbazole	17.20	167	613545	19.129	ng/ul	99
76) Di-n-butylphthalate	17.78	149	764216	19.304	ng/ul	99
77) Fluoranthene	18.86	202	782977	18.762	ng/ul	99
80) Pyrene	19.22	202	843570	19.916	ng/ul	99
81) Butylbenzylphthalate	20.16	149	354598	20.364	ng/ul	99
82) 3,3'-Dichlorobenzidine	20.93	252	249922	19.511	ng/ul	97
83) Benzo(a)anthracene	20.99	228	805059	19.940	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.95	149	546732	20.566	ng/ul	99
85) Chrysene	21.04	228	776660	19.540	ng/ul	99
87) Di-n-octyl phthalate	21.80	149	934883	19.942	ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	792387	19.731	ng/ul	99
89) Benzo(k)fluoranthene	22.53	252	789993	20.775	ng/ul	96
91) Benzo(a)pyrene	23.02	252	711831	19.708	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.14	276	869619	20.279	ng/ul	98
93) Dibenzo(a,h)anthracene	25.15	278	724646	19.753	ng/ul	97
94) Benzo(g,h,i)perylene	25.76	276	718041	19.969	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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