Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009955.D
Acq On : 27 Feb 2020 07:55
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02066

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2/27/2020 4:58:03 PM

Quant Time: Feb 27 09:00:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 27 07:43:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	94492	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	418568	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	279866	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	654546	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	668594	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	662368	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	18590	8.09	ng/uL	0.00
5) Phenol-d5	6.58	99	174719	21.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	125032	22.54	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	138486	22.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	143536	22.45	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	67627	22.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	76880	22.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	139867	21.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	166857	23.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	465685	22.28	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	526419	21.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	80001	20.95	ng/ul	0.00
58) Fluorene-d10	15.03	176	401371	22.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	76362	18.78	ng/ul	0.00
71) Anthracene-d10	16.88	188	635338	21.18	ng/ul	0.00
79) Pyrene-d10	19.19	212	700204	20.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	728936	22.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	19588	7.422	ng/uL	93
4) Benzaldehyde	6.55	77	73617	13.773	ng/ul	97
6) Phenol	6.61	94	179244	20.811	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.83	93	145271	21.460	ng/ul	95
10) 2-Chlorophenol	6.95	128	138823	21.781	ng/ul	99
11) 2-Methylphenol	7.83	108	136855	21.714	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.92	45	391760	23.607	ng/ul	99
14) Acetophenone	8.20	105	226580	21.749	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.19	70	127166	23.361	ng/ul	99
16) 4-Methylphenol	8.16	108	147052	21.264	ng/ul	89
17) Hexachloroethane	8.42	117	64532	22.255	ng/ul	97
20) Nitrobenzene	8.56	77	195408	21.656	ng/ul	96
21) Isophorone	9.08	82	346231	21.802	ng/ul	97
23) 2-Nitrophenol	9.26	139	81132	21.644	ng/ul	98
24) 2,4-Dimethylphenol	9.34	107	174797	21.477	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.57	93	205367	21.160	ng/ul	97
27) 2,4-Dichlorophenol	9.79	162	140311	21.595	ng/ul	90
28) Naphthalene	10.18	128	479083	21.225	ng/ul	99
30) 4-Chloroaniline	10.30	127	169755	22.910	ng/ul	96
31) Hexachlorobutadiene	10.46	225	91553	21.070	ng/ul	89
32) Caprolactam	11.09	113	49534m	22.732	ng/ul	
33) 4-Chloro-3-methylphenol	11.44	107	165649	22.295	ng/ul	98
34) 2-Methylnaphthalene	11.80	142	335836	21.428	ng/ul	94

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35) 1-Methylnaphthalene	12.02	142	339121	21.586	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.18	216	168480	20.310	ng/ul	98
38) Hexachlorocyclopentadiene	12.16	237	56993	15.879	ng/ul	89
39) 2,4,6-Trichlorophenol	12.44	196	109914	20.877	ng/ul	94
40) 2,4,5-Trichlorophenol	12.52	196	123255	21.822	ng/ul	94
41) 1,1'-Biphenyl	12.84	154	445502	20.726	ng/ul	98
42) 2-Chloronaphthalene	12.87	162	350093	20.508	ng/ul	99
43) 2-Nitroaniline	13.10	65	143911	23.052	ng/ul	97
45) Dimethylphthalate	13.49	163	481495	22.074	ng/ul	99
46) 2,6-Dinitrotoluene	13.62	165	96508	22.600	ng/ul	95
48) Acenaphthylene	13.73	152	561320	21.064	ng/ul	99
49) 3-Nitroaniline	13.95	138	82842	21.013	ng/ul	95
50) Acenaphthene	14.09	153	383058	20.969	ng/ul	99
51) 2,4-Dinitrophenol	14.18	184	44857	18.298	ng/ul	97
53) 4-Nitrophenol	14.28	109	76491	22.204	ng/ul	94
54) Dibenzofuran	14.43	168	535620	20.890	ng/ul	94
55) 2,4-Dinitrotoluene	14.43	165	149261	23.585	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.67	232	109975	22.646	ng/ul	94
57) Diethylphthalate	14.88	149	498847	22.272	ng/ul	99
59) Fluorene	15.08	166	468391	21.767	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.09	204	225785	21.275	ng/ul	99
61) 4-Nitroaniline	15.13	138	88316m	18.370	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.20	198	80456	18.368	ng/ul	98
65) N-Nitrosodiphenylamine	15.30	169	396790	20.431	ng/ul	99
66) 4-Bromophenyl-phenylether	15.98	248	131257	20.041	ng/ul	95
67) Hexachlorobenzene	16.09	284	144890	19.992	ng/ul	96
68) Atrazine	16.27	200	150496	20.428	ng/ul	93
69) Pentachlorophenol	16.45	266	79583	19.002	ng/ul	96
70) Phenanthrene	16.82	178	759792	20.340	ng/ul	99
72) Anthracene	16.92	178	791918	20.738	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.80	216	171196	17.902	ng/uL	97
74) Pentachlorobenzene	14.35	250	165256	17.920	ng/uL	97
75) Carbazole	17.19	167	680034	20.222	ng/ul	99
76) Di-n-butylphthalate	17.77	149	875080	21.083	ng/ul	100
77) Fluoranthene	18.85	202	906028	20.706	ng/ul	99
80) Pyrene	19.22	202	935139	19.400	ng/ul	96
81) Butylbenzylphthalate	20.15	149	402239	20.299	ng/ul	98
82) 3,3'-Dichlorobenzidine	20.93	252	227729	15.622	ng/ul	98
83) Benzo(a)anthracene	20.99	228	913030	19.872	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	20.95	149	616131	20.366	ng/ul	98
85) Chrysene	21.04	228	886623	19.601	ng/ul	98
87) Di-n-octyl phthalate	21.79	149	1035775	20.661	ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	897580	20.900	ng/ul	98
89) Benzo(k)fluoranthene	22.53	252	821800	20.210	ng/ul	100
91) Benzo(a)pyrene	23.02	252	809577	20.960	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.14	276	941763	20.536	ng/ul	98
93) Dibenzo(a,h)anthracene	25.14	278	799765	20.386	ng/ul	96
94) Benzo(g,h,i)perylene	25.76	276	781498	20.324	ng/ul	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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