Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009812.D
Acq On : 21 Feb 2020 17:55
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02072

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2/24/2020 4:47:54 PM

Quant Time: Feb 21 22:14:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 04:46:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	106923	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.14	136	451141	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.03	164	284353	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	600692	20.00	ng/ul	-0.02
78) Chrysene-d12	21.01	240	544620	20.00	ng/ul	-0.01
86) Perylene-d12	23.11	264	565373	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	20791	8.00	ng/uL	-0.02
5) Phenol-d5	6.59	99	172144	18.93	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	123099	19.61	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.93	132	135965	19.86	ng/ul	-0.02
13) 4-Methylphenol-d8	8.10	113	141217	19.52	ng/ul	-0.02
19) Nitrobenzene-d5	8.53	128	66711	20.21	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.25	143	71261	19.74	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.78	165	138832	20.00	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.29	131	152327	19.53	ng/ul	-0.02
44) Dimethylphthalate-d6	13.46	166	413667	19.48	ng/ul	-0.02
47) Acenaphthylene-d8	13.72	160	499828	19.98	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.27	143	66292	17.09	ng/ul	-0.02
58) Fluorene-d10	15.03	176	365481	19.93	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.19	200	65587	17.58	ng/ul	-0.02
71) Anthracene-d10	16.89	188	539470	19.59	ng/ul	-0.02
79) Pyrene-d10	19.20	212	583753	20.51	ng/ul	-0.02
90) Benzo(a)pyrene-d12	22.98	264	566918	20.08	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.07	88	22922	7.675	ng/uL#	83
4) Benzaldehyde	6.56	77	126398	20.899	ng/ul	98
6) Phenol	6.62	94	184937	18.976	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.84	93	148318	19.363	ng/ul	97
10) 2-Chlorophenol	6.96	128	145002	20.105	ng/ul	96
11) 2-Methylphenol	7.85	108	140582	19.712	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.92	45	412671	21.976	ng/ul	98
14) Acetophenone	8.21	105	235159	19.948	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.20	70	131787	21.395	ng/ul	95
16) 4-Methylphenol	8.17	108	155527	19.875	ng/ul	96
17) Hexachloroethane	8.44	117	65559	19.980	ng/ul	95
20) Nitrobenzene	8.58	77	200419	20.607	ng/ul	98
21) Isophorone	9.10	82	339354	19.826	ng/ul	99
23) 2-Nitrophenol	9.28	139	79895	19.775	ng/ul	98
24) 2,4-Dimethylphenol	9.35	107	179022	20.408	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.58	93	207303	19.817	ng/ul	99
27) 2,4-Dichlorophenol	9.80	162	139575	19.930	ng/ul	95
28) Naphthalene	10.19	128	487813	20.052	ng/ul	99
30) 4-Chloroaniline	10.32	127	160157	20.054	ng/ul	99
31) Hexachlorobutadiene	10.48	225	92552	19.762	ng/ul	88
32) Caprolactam	11.10	113	41207m	17.546	ng/ul	
33) 4-Chloro-3-methylphenol	11.45	107	161597	20.180	ng/ul	99
34) 2-Methylnaphthalene	11.81	142	335076	19.836	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.03	142	336002	19.844	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.19	216	170845	20.270	ng/ul	98
38) Hexachlorocyclopentadiene	12.17	237	61531	16.873	ng/ul	100
39) 2,4,6-Trichlorophenol	12.45	196	106827	19.970	ng/ul	98
40) 2,4,5-Trichlorophenol	12.53	196	108863	18.970	ng/ul	99
41) 1,1'-Biphenyl	12.85	154	445218	20.386	ng/ul	97
42) 2-Chloronaphthalene	12.89	162	350025	20.181	ng/ul	99
43) 2-Nitroaniline	13.12	65	130035	20.501	ng/ul	97
45) Dimethylphthalate	13.50	163	432260	19.504	ng/ul	100
46) 2,6-Dinitrotoluene	13.63	165	87057	20.065	ng/ul	95
48) Acenaphthylene	13.75	152	546831	20.197	ng/ul	99
49) 3-Nitroaniline	13.96	138	72199	18.025	ng/ul#	91
50) Acenaphthene	14.10	153	376567	20.289	ng/ul	99
51) 2,4-Dinitrophenol	14.19	184	35086	14.086	ng/ul	91
53) 4-Nitrophenol	14.29	109	65268	18.647	ng/ul	93
54) Dibenzofuran	14.44	168	516321	19.819	ng/ul	97
55) 2,4-Dinitrotoluene	14.43	165	129309	20.110	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	14.67	232	95364	19.327	ng/ul#	91
57) Diethylphthalate	14.89	149	447061	19.645	ng/ul	99
59) Fluorene	15.09	166	438557	20.059	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.10	204	204858	18.999	ng/ul	94
61) 4-Nitroaniline	15.13	138	90624m	18.553	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.21	198	72328	17.993	ng/ul	98
65) N-Nitrosodiphenylamine	15.32	169	363017	20.368	ng/ul	98
66) 4-Bromophenyl-phenylether	15.99	248	119378	19.861	ng/ul	100
67) Hexachlorobenzene	16.10	284	130243	19.583	ng/ul	95
68) Atrazine	16.28	200	128816	19.053	ng/ul	97
69) Pentachlorophenol	16.46	266	64352	16.743	ng/ul	93
70) Phenanthrene	16.83	178	676600	19.737	ng/ul	100
72) Anthracene	16.92	178	704870	20.113	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.81	216	179653	20.471	ng/uL	99
74) Pentachlorobenzene	14.36	250	171811	20.301	ng/uL	96
75) Carbazole	17.20	167	578448	18.743	ng/ul	98
76) Di-n-butylphthalate	17.78	149	739173	19.405	ng/ul	98
77) Fluoranthene	18.86	202	774215	19.280	ng/ul	99
80) Pyrene	19.23	202	795567	20.262	ng/ul	98
81) Butylbenzylphthalate	20.16	149	319363	19.785	ng/ul	95
82) 3,3'-Dichlorobenzidine	20.93	252	225962	19.029	ng/ul	95
83) Benzo(a)anthracene	20.99	228	765657	20.457	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.96	149	503418	20.428	ng/ul#	95
85) Chrysene	21.05	228	735515	19.962	ng/ul	99
87) Di-n-octyl phthalate	21.80	149	840215	19.635	ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	745958	20.350	ng/ul	97
89) Benzo(k)fluoranthene	22.53	252	716887	20.654	ng/ul	99
91) Benzo(a)pyrene	23.02	252	695883	21.107	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.15	276	796506	20.349	ng/ul	96
93) Dibenzo(a,h)anthracene	25.16	278	666266	19.897	ng/ul	97
94) Benzo(g,h,i)perylene	25.77	276	662122	20.173	ng/ul	99

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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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