Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040720\
Data File : BN010422.D
Acq On : 07 Apr 2020 17:45
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02068

Manual Integrations APPROVED
mohammad
4/8/2020 8:11:47 AM

Quant Time: Apr 07 18:17:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 07 11:04:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	490065	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2172950	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	1470746	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	3312048	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	3383117	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	3902614	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	73747	7.12	ng/uL	0.00
5) Phenol-d5	6.79	99	777412	19.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	462982	21.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	649590	20.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	653018	18.91	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	327312	20.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	335929	19.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	724511	20.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	980481	23.42	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	2262184	20.38	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	2634003	20.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	417536	20.03	ng/ul	0.00
58) Fluorene-d10	15.23	176	1940288	20.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	337001	17.77	ng/ul	0.00
71) Anthracene-d10	17.08	188	3021786	19.87	ng/ul	0.00
79) Pyrene-d10	19.37	212	3610560	20.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	4012472	20.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	82768	7.555	ng/uL#	95
4) Benzaldehyde	6.76	77	520669	24.929	ng/ul	95
6) Phenol	6.82	94	803072	18.772	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.04	93	638668	19.312	ng/ul	98
10) 2-Chlorophenol	7.18	128	669612	19.919	ng/ul	98
11) 2-Methylphenol	8.05	108	624653	18.789	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.13	45	424131	18.720	ng/ul	98
14) Acetophenone	8.42	105	1051339	20.026	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.41	70	509856	19.898	ng/ul	99
16) 4-Methylphenol	8.37	108	702347	19.321	ng/ul	97
17) Hexachloroethane	8.68	117	266161	19.541	ng/ul	93
20) Nitrobenzene	8.79	77	760152	19.386	ng/ul	97
21) Isophorone	9.31	82	1419387	18.930	ng/ul	100
23) 2-Nitrophenol	9.49	139	388576	19.913	ng/ul	98
24) 2,4-Dimethylphenol	9.56	107	780064	19.549	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.79	93	895967	19.022	ng/ul	99
27) 2,4-Dichlorophenol	10.02	162	712902	19.932	ng/ul	98
28) Naphthalene	10.42	128	2290665	19.596	ng/ul	99
30) 4-Chloroaniline	10.52	127	1004849	23.901	ng/ul	98
31) Hexachlorobutadiene	10.72	225	465117	19.559	ng/ul	97
32) Caprolactam	11.28	113	206099m	17.270	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	765923	20.308	ng/ul	98
34) 2-Methylnaphthalene	12.03	142	1728634	20.354	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.26	142	1621093	19.239	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.41	216	932352	20.103	ng/ul	99
38) Hexachlorocyclopentadiene	12.40	237	545882	17.845	ng/ul	100
39) 2,4,6-Trichlorophenol	12.65	196	592097	19.986	ng/ul	94
40) 2,4,5-Trichlorophenol	12.72	196	664030	20.849	ng/ul	99
41) 1,1'-Biphenyl	13.06	154	2261518	20.207	ng/ul	99
42) 2-Chloronaphthalene	13.10	162	1750818	19.688	ng/ul	98
43) 2-Nitroaniline	13.30	65	412451	20.653	ng/ul	94
45) Dimethylphthalate	13.70	163	2237976	19.530	ng/ul	99
46) 2,6-Dinitrotoluene	13.80	165	494992	21.976	ng/ul	99
48) Acenaphthylene	13.95	152	2817914	20.205	ng/ul	99
49) 3-Nitroaniline	14.13	138	490983	23.355	ng/ul	97
50) Acenaphthene	14.30	153	1872545	19.490	ng/ul	98
51) 2,4-Dinitrophenol	14.34	184	216759	16.699	ng/ul	99
53) 4-Nitrophenol	14.45	109	341028	20.467	ng/ul	97
54) Dibenzofuran	14.63	168	2773194	20.493	ng/ul	99
55) 2,4-Dinitrotoluene	14.60	165	658323	19.915	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.86	232	587667	21.139	ng/ul	96
57) Diethylphthalate	15.07	149	2226002	19.608	ng/ul	98
59) Fluorene	15.29	166	2193061	19.913	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.29	204	1092320	19.104	ng/ul	95
61) 4-Nitroaniline	15.30	138	558193	23.537	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.37	198	391257	18.800	ng/ul	94
65) N-Nitrosodiphenylamine	15.50	169	1959673	20.337	ng/ul	96
66) 4-Bromophenyl-phenylether	16.18	248	687582	19.737	ng/ul	98
67) Hexachlorobenzene	16.29	284	756265	19.122	ng/ul	96
68) Atrazine	16.46	200	658564	17.416	ng/ul	98
69) Pentachlorophenol	16.63	266	452581	18.714	ng/ul	93
70) Phenanthrene	17.02	178	3627770	19.767	ng/ul	99
72) Anthracene	17.11	178	3744112	20.399	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.02	216	928888	18.471	ng/uL	95
74) Pentachlorobenzene	14.56	250	908574	18.377	ng/uL	99
75) Carbazole	17.38	167	3350592	21.952	ng/ul	99
76) Di-n-butylphthalate	17.97	149	3775969	19.905	ng/ul	99
77) Fluoranthene	19.05	202	4489646	22.971	ng/ul	99
80) Pyrene	19.41	202	4631402	20.474	ng/ul	97
81) Butylbenzylphthalate	20.33	149	1773890	19.662	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.10	252	1693199	22.004	ng/ul	99
83) Benzo(a)anthracene	21.17	228	4647955	20.449	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.13	149	2685440	20.115	ng/ul	98
85) Chrysene	21.22	228	4513138	20.822	ng/ul	98
87) Di-n-octyl phthalate	21.99	149	4600853	23.998	ng/ul	100
88) Benzo(b)fluoranthene	22.71	252	4987404	21.104	ng/ul	98
89) Benzo(k)fluoranthene	22.75	252	4670009	20.342	ng/ul	95
91) Benzo(a)pyrene	23.26	252	4763024	21.527	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.50	276	5539524	19.401	ng/ul	97
93) Dibenzo(a,h)anthracene	25.52	278	4575284	19.400	ng/ul	99
94) Benzo(g,h,i)perylene	26.16	276	4509190	18.743	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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