Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050720\
Data File : BN010691.D
Acq On : 07 May 2020 20:19
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC020

Manual Integrations APPROVED
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5/11/2020 2:52:01 PM

Quant Time: May 07 20:50:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 07 12:59:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	580925	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	2477550	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1604159	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	3640741	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	3317734	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	3167367	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	86911	7.83	ng/uL	0.00
5) Phenol-d5	6.77	99	881864	19.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	530201	22.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	741237	18.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	736427	19.04	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	373263	19.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	412264	19.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	802964	19.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	1060526	22.18	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	2431389	20.43	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	2801490	19.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	406806	17.55	ng/ul	0.00
58) Fluorene-d10	15.20	176	2058869	19.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	393242	20.68	ng/ul	0.00
71) Anthracene-d10	17.05	188	3192243	18.93	ng/ul	0.00
79) Pyrene-d10	19.36	212	3636136	19.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	3232989	19.68	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	94442	8.04	ng/uL	98
4) Benzaldehyde	6.73	77	655133	27.51	ng/ul	98
6) Phenol	6.79	94	916536	19.30	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.02	93	721423	19.73	ng/ul	97
10) 2-Chlorophenol	7.15	128	757979	19.05	ng/ul	98
11) 2-Methylphenol	8.02	108	716647	19.07	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.10	45	485166	20.87	ng/ul	100
14) Acetophenone	8.39	105	1193978	20.42	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.38	70	579648	20.70	ng/ul	95
16) 4-Methylphenol	8.35	108	772149	19.20	ng/ul	97
17) Hexachloroethane	8.64	117	307663	18.64	ng/ul	93
20) Nitrobenzene	8.76	77	882280	19.79	ng/ul	97
21) Isophorone	9.28	82	1578210	19.19	ng/ul	98
23) 2-Nitrophenol	9.46	139	446686	19.41	ng/ul	96
24) 2,4-Dimethylphenol	9.53	107	874635	19.28	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.76	93	985532	19.70	ng/ul	96
27) 2,4-Dichlorophenol	9.99	162	778267	18.94	ng/ul	99
28) Naphthalene	10.38	128	2529261	19.00	ng/ul	100
30) 4-Chloroaniline	10.49	127	1098047	23.12	ng/ul	100
31) Hexachlorobutadiene	10.68	225	511206	17.87	ng/ul	94
32) Caprolactam	11.28	113	236793m	18.16	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	840570	19.52	ng/ul	99
34) 2-Methylnaphthalene	12.00	142	1892101	20.11	ng/ul	99

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35) 1-Methylnaphthalene	12.22	142	1767178	18.76	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.38	216	996855	18.64	ng/ul	94
38) Hexachlorocyclopentadiene	12.36	237	496065	19.06	ng/ul	99
39) 2,4,6-Trichlorophenol	12.62	196	643289	18.56	ng/ul	99
40) 2,4,5-Trichlorophenol	12.70	196	696310	18.68	ng/ul	99
41) 1,1'-Biphenyl	13.03	154	2431218	19.73	ng/ul	98
42) 2-Chloronaphthalene	13.06	162	1889688	18.97	ng/ul	99
43) 2-Nitroaniline	13.27	65	480335	20.79	ng/ul	95
45) Dimethylphthalate	13.67	163	2376020	19.23	ng/ul	100
46) 2,6-Dinitrotoluene	13.79	165	523492	19.92	ng/ul	98
48) Acenaphthylene	13.92	152	3026627	19.61	ng/ul	99
49) 3-Nitroaniline	14.11	138	497215	19.89	ng/ul	90
50) Acenaphthene	14.27	153	2030268	19.23	ng/ul	97
51) 2,4-Dinitrophenol	14.32	184	239001	19.20	ng/ul	96
53) 4-Nitrophenol	14.44	109	321541	17.14	ng/ul	98
54) Dibenzofuran	14.60	168	2913515	19.71	ng/ul	100
55) 2,4-Dinitrotoluene	14.57	165	717586	19.17	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	14.84	232	616247	18.92	ng/ul	99
57) Diethylphthalate	15.05	149	2387458	19.22	ng/ul	100
59) Fluorene	15.26	166	2379191	19.63	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.26	204	1172159	18.91	ng/ul	97
61) 4-Nitroaniline	15.28	138	560912	19.81	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.35	198	417852	20.43	ng/ul	96
65) N-Nitrosodiphenylamine	15.47	169	2055247	19.49	ng/ul	96
66) 4-Bromophenyl-phenylether	16.15	248	708584	17.83	ng/ul	94
67) Hexachlorobenzene	16.27	284	790047	17.47	ng/ul	98
68) Atrazine	16.44	200	695473	16.69	ng/ul	96
69) Pentachlorophenol	16.61	266	480221	16.64	ng/ul	91
70) Phenanthrene	17.00	178	3823974	18.91	ng/ul	99
72) Anthracene	17.09	178	3900713	19.03	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.99	216	982865	17.02	ng/uL	99
74) Pentachlorobenzene	14.53	250	945497	16.80	ng/uL	96
75) Carbazole	17.36	167	3435156	20.41	ng/ul	99
76) Di-n-butylphthalate	17.95	149	4140300	19.52	ng/ul	99
77) Fluoranthene	19.02	202	4586276	20.88	ng/ul	97
80) Pyrene	19.39	202	4595157	19.17	ng/ul#	94
81) Butylbenzylphthalate	20.31	149	1900931	18.38	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.09	252	1273915	17.82	ng/ul	99
83) Benzo(a)anthracene	21.14	228	4245212	18.45	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	2921739	19.56	ng/ul	100
85) Chrysene	21.20	228	4017954	18.57	ng/ul	99
87) Di-n-octyl phthalate	21.97	149	4666879	20.71	ng/ul	100
88) Benzo(b)fluoranthene	22.69	252	4081387	19.75	ng/ul	96
89) Benzo(k)fluoranthene	22.73	252	3727562	18.18	ng/ul	98
91) Benzo(a)pyrene	23.24	252	3794775	20.67	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.46	276	4057183	19.63	ng/ul	99
93) Dibenzo(a,h)anthracene	25.47	278	3426025	19.74	ng/ul	98
94) Benzo(g,h,i)perylene	26.11	276	3320125	19.41	ng/ul	96

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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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