Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031420\
Data File : BN010217.D
Acq On : 14 Mar 2020 11:50
Operator : CG/JU
Sample : SSTD02051
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02051

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3/16/2020 1:54:22 PM

Quant Time: Mar 16 05:09:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 16 04:58:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	289894	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	1215751	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	790684	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	1759661	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	1699694	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	1944742	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	59025	8.37	ng/uL	0.00
5) Phenol-d5	6.81	99	460356	18.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	280977	16.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	380411	20.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	377142	19.23	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	165750	18.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	129301	13.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	378014	20.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	458792	21.83	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	1243618	21.06	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	1536455	22.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	165572	15.35	ng/ul	0.00
58) Fluorene-d10	15.25	176	1113566	21.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	105381	9.64	ng/ul	0.00
71) Anthracene-d10	17.10	188	1735788	21.52	ng/ul	0.00
79) Pyrene-d10	19.39	212	1944761	21.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.24	264	2008170	20.68	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	60243	7.440	ng/uL	100
4) Benzaldehyde	6.78	77	194642	11.870	ng/ul	100
6) Phenol	6.83	94	496812	18.802	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.07	93	387028	18.636	ng/ul	100
10) 2-Chlorophenol	7.20	128	397234	20.315	ng/ul	100
11) 2-Methylphenol	8.07	108	378038	19.551	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.17	45	483462	9.496	ng/ul	100
14) Acetophenone	8.44	105	626291	19.595	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.43	70	317897	19.035	ng/ul	100
16) 4-Methylphenol	8.39	108	407578	19.210	ng/ul	100
17) Hexachloroethane	8.70	117	178150	20.026	ng/ul	100
20) Nitrobenzene	8.81	77	437909	16.708	ng/ul	100
21) Isophorone	9.33	82	911517	19.761	ng/ul	100
23) 2-Nitrophenol	9.52	139	157189	14.437	ng/ul	100
24) 2,4-Dimethylphenol	9.59	107	456066	19.293	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.82	93	534235	18.951	ng/ul	100
27) 2,4-Dichlorophenol	10.05	162	385439	20.423	ng/ul	100
28) Naphthalene	10.45	128	1377327	21.009	ng/ul	100
30) 4-Chloroaniline	10.55	127	456813	21.226	ng/ul	100
31) Hexachlorobutadiene	10.75	225	290780	23.039	ng/ul	100
32) Caprolactam	11.29	113	124039m	19.598	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	396265	18.363	ng/ul	100
34) 2-Methylnaphthalene	12.06	142	972094	21.354	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.28	142	978085	21.435	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	543608	23.195	ng/ul	100
38) Hexachlorocyclopentadiene	12.43	237	345629	34.085	ng/ul	100
39) 2,4,6-Trichlorophenol	12.67	196	286960	19.292	ng/ul	100
40) 2,4,5-Trichlorophenol	12.75	196	316171	19.813	ng/ul	100
41) 1,1'-Biphenyl	13.09	154	1282067	21.111	ng/ul	100
42) 2-Chloronaphthalene	13.12	162	1034003	21.439	ng/ul	100
43) 2-Nitroaniline	13.32	65	209342	11.869	ng/ul	100
45) Dimethylphthalate	13.72	163	1305644	21.187	ng/ul	100
46) 2,6-Dinitrotoluene	13.82	165	213159	17.669	ng/ul	100
48) Acenaphthylene	13.97	152	1626988	21.611	ng/ul	100
49) 3-Nitroaniline	14.15	138	162100	14.554	ng/ul	100
50) Acenaphthene	14.32	153	1107631	21.461	ng/ul	100
51) 2,4-Dinitrophenol	14.36	184	58193	8.402	ng/ul	100
53) 4-Nitrophenol	14.46	109	145903	14.991	ng/ul	100
54) Dibenzofuran	14.66	168	1530013	21.121	ng/ul	100
55) 2,4-Dinitrotoluene	14.62	165	305295	17.075	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.89	232	247687	18.053	ng/ul	100
57) Diethylphthalate	15.10	149	1287620	20.348	ng/ul	100
59) Fluorene	15.31	166	1277046	21.006	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.32	204	660719	22.037	ng/ul	100
61) 4-Nitroaniline	15.31	138	191688	14.113	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.38	198	121674	10.333	ng/ul	100
65) N-Nitrosodiphenylamine	15.52	169	1086179	20.804	ng/ul	100
66) 4-Bromophenyl-phenylether	16.20	248	402701	22.871	ng/ul	100
67) Hexachlorobenzene	16.32	284	453552	23.279	ng/ul	100
68) Atrazine	16.48	200	423472	21.381	ng/ul	100
69) Pentachlorophenol	16.65	266	184851	16.417	ng/ul	100
70) Phenanthrene	17.04	178	2109895	21.010	ng/ul	100
72) Anthracene	17.13	178	2138607	20.832	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	575231	22.375	ng/uL	100
74) Pentachlorobenzene	14.58	250	556333	22.440	ng/uL	100
75) Carbazole	17.40	167	1866674	20.648	ng/ul	100
76) Di-n-butylphthalate	18.00	149	2213967	19.841	ng/ul	100
77) Fluoranthene	19.06	202	2554291	21.714	ng/ul	100
80) Pyrene	19.43	202	2621418	21.392	ng/ul	100
81) Butylbenzylphthalate	20.36	149	843918	16.753	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.12	252	709467	19.144	ng/ul	100
83) Benzo(a)anthracene	21.18	228	2619812	22.429	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	1397564	18.172	ng/ul	100
85) Chrysene	21.23	228	2448465	21.292	ng/ul	100
87) Di-n-octyl phthalate	22.03	149	2308323	15.682	ng/ul	100
88) Benzo(b)fluoranthene	22.73	252	2531966	20.081	ng/ul	100
89) Benzo(k)fluoranthene	22.77	252	2571425	21.538	ng/ul	100
91) Benzo(a)pyrene	23.28	252	2395893	21.127	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.53	276	2909694	21.610	ng/ul	100
93) Dibenzo(a,h)anthracene	25.55	278	2403615	20.868	ng/ul	100
94) Benzo(g,h,i)perylene	26.19	276	2408641	21.335	ng/ul	100

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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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