Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030620\
Data File : BN010116.D
Acq On : 06 Mar 2020 10:50
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02085

Manual Integrations APPROVED
mohammad
3/9/2020 3:04:42 PM

Quant Time: Mar 07 02:03:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 05 14:04:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	90034	20.00	ng/ul	0.00
18) Naphthalene-d8	10.10	136	391141	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	270266	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.76	188	570984	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	518586	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	561021	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.00	96	16696	7.63	ng/uL	0.00
5) Phenol-d5	6.56	99	153424	20.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	105159	19.90	ng/ul	0.00
9) 2-Chlorophenol-d4	6.90	132	116520	20.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.08	113	121008	19.86	ng/ul	0.00
19) Nitrobenzene-d5	8.50	128	57336	20.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.21	143	65380	20.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.74	165	123753	20.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.26	131	153115	22.64	ng/ul	0.00
44) Dimethylphthalate-d6	13.43	166	394530	19.54	ng/ul	0.00
47) Acenaphthylene-d8	13.68	160	449278	18.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	61440	16.66	ng/ul	0.00
58) Fluorene-d10	15.00	176	335853	19.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	61862	17.44	ng/ul	0.00
71) Anthracene-d10	16.86	188	519742	19.86	ng/ul	0.00
79) Pyrene-d10	19.17	212	551442	20.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	562065	20.06	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	18970	7.543	ng/uL	94
4) Benzaldehyde	6.52	77	101530	19.936	ng/ul	95
6) Phenol	6.59	94	165624	20.182	ng/ul	92
8) Bis(2-Chloroethyl)ether	6.80	93	124743	19.340	ng/ul	97
10) 2-Chlorophenol	6.93	128	125879	20.728	ng/ul	98
11) 2-Methylphenol	7.81	108	122871	20.460	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	7.88	45	350334m	22.156	ng/ul	
14) Acetophenone	8.18	105	207792	20.933	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.16	70	114554	22.086	ng/ul	92
16) 4-Methylphenol	8.13	108	136684	20.743	ng/ul	95
17) Hexachloroethane	8.39	117	57059	20.652	ng/ul	92
20) Nitrobenzene	8.54	77	171015	20.281	ng/ul	97
21) Isophorone	9.06	82	306660	20.664	ng/ul	98
23) 2-Nitrophenol	9.24	139	74451	21.254	ng/ul	97
24) 2,4-Dimethylphenol	9.31	107	163392	21.484	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.55	93	180160	19.864	ng/ul	97
27) 2,4-Dichlorophenol	9.77	162	130016	21.413	ng/ul	97
28) Naphthalene	10.15	128	410905	19.481	ng/ul	98
30) 4-Chloroaniline	10.28	127	165266	23.868	ng/ul	96
31) Hexachlorobutadiene	10.43	225	80866	19.915	ng/ul	89
32) Caprolactam	11.07	113	40409m	19.845	ng/ul	
33) 4-Chloro-3-methylphenol	11.42	107	149835	21.581	ng/ul	96
34) 2-Methylnaphthalene	11.77	142	308933	21.093	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	11.99	142	296618	20.205 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.16	216	160108	19.986 ng/ul	97
38) Hexachlorocyclopentadiene	12.13	237	70577	20.363 ng/ul#	93
39) 2,4,6-Trichlorophenol	12.42	196	103997	20.454 ng/ul	94
40) 2,4,5-Trichlorophenol	12.49	196	106314	19.491 ng/ul	98
41) 1,1'-Biphenyl	12.82	154	412071	19.851 ng/ul	95
42) 2-Chloronaphthalene	12.85	162	315020	19.109 ng/ul	97
43) 2-Nitroaniline	13.09	65	129754	21.523 ng/ul	97
45) Dimethylphthalate	13.47	163	402214	19.094 ng/ul	100
46) 2,6-Dinitrotoluene	13.60	165	80999	19.642 ng/ul	98
48) Acenaphthylene	13.71	152	489126	19.007 ng/ul	98
49) 3-Nitroaniline	13.93	138	76569	20.112 ng/ul	98
50) Acenaphthene	14.06	153	339220	19.229 ng/ul	99
51) 2,4-Dinitrophenol	14.17	184	58950	24.901 ng/ul	90
53) 4-Nitrophenol	14.27	109	63085	18.963 ng/ul	81
54) Dibenzofuran	14.40	168	497445	20.090 ng/ul	98
55) 2,4-Dinitrotoluene	14.42	165	125622	20.555 ng/ul#	86
56) 2,3,4,6-Tetrachlorophenol	14.65	232	97345	20.757 ng/ul#	97
57) Diethylphthalate	14.86	149	419123	19.377 ng/ul	99
59) Fluorene	15.06	166	400681	19.282 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.06	204	202322	19.742 ng/ul	97
61) 4-Nitroaniline	15.11	138	84144m	18.124 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.19	198	70942	18.566 ng/ul	99
65) N-Nitrosodiphenylamine	15.29	169	353842	20.886 ng/ul	98
66) 4-Bromophenyl-phenylether	15.96	248	115362	20.191 ng/ul	98
67) Hexachlorobenzene	16.07	284	124086	19.627 ng/ul#	90
68) Atrazine	16.26	200	123949	19.287 ng/ul	95
69) Pentachlorophenol	16.43	266	63956	17.505 ng/ul	97
70) Phenanthrene	16.80	178	642836	19.727 ng/ul	98
72) Anthracene	16.89	178	652997	19.602 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.78	216	160046	19.186 ng/uL	92
74) Pentachlorobenzene	14.33	250	154352	19.187 ng/uL	97
75) Carbazole	17.17	167	572907	19.529 ng/ul	98
76) Di-n-butylphthalate	17.75	149	702767	19.409 ng/ul	98
77) Fluoranthene	18.83	202	716404	18.769 ng/ul	98
80) Pyrene	19.20	202	742008	19.846 ng/ul	95
81) Butylbenzylphthalate	20.14	149	312658	20.342 ng/ul	94
82) 3,3'-Dichlorobenzidine	20.92	252	214683	18.987 ng/ul	97
83) Benzo(a)anthracene	20.97	228	752665	21.120 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.93	149	476425	20.303 ng/ul	99
85) Chrysene	21.02	228	690223	19.673 ng/ul	98
87) Di-n-octyl phthalate	21.78	149	791627	18.643 ng/ul	100
88) Benzo(b)fluoranthene	22.47	252	720376	19.804 ng/ul	99
89) Benzo(k)fluoranthene	22.51	252	668591	19.412 ng/ul	98
91) Benzo(a)pyrene	22.99	252	672468	20.555 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.11	276	773039	19.902 ng/ul	95
93) Dibenzo(a,h)anthracene	25.12	278	659079	19.835 ng/ul	97
94) Benzo(g,h,i)perylene	25.73	276	636061	19.530 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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