Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005365.D
Acq On : 29 Apr 2019 23:10
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02084

Manual Integrations APPROVED
Sohil
4/30/2019 6:27:29 PM

Quant Time: Apr 30 03:45:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	315583	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1308649	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	791343	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1856308	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1911428	20.00	ng/ul	-0.01
85) Perylene-d12	23.42	264	2223277	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	51448	7.87	ng/uL	0.00
5) Phenol-d5	6.78	99	429816	17.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	237274	15.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	325491	17.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	340377	17.57	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	168336	20.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	187032	22.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	357609	19.11	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.49	131	379614	19.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1015477	17.68	ng/ul	-0.01
46) Acenaphthylene-d8	13.92	160	1310338	18.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	182053	20.07	ng/ul	0.00
57) Fluorene-d10	15.22	176	893578	18.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	161104	19.30	ng/ul	0.00
70) Anthracene-d10	17.07	188	1434863	18.44	ng/ul	-0.01
78) Pyrene-d10	19.39	212	1631786	16.69	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.28	264	1781040	18.33	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	55590	7.908	ng/uL	99
4) Benzaldehyde	6.75	77	301410	17.160	ng/ul	98
6) Phenol	6.80	94	448921	17.608	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.03	93	329433	16.138	ng/ul	93
10) 2-Chlorophenol	7.16	128	347021	17.696	ng/ul	94
11) 2-Methylphenol	8.03	108	333591	17.462	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.12	45	479611	13.993	ng/ul	97
14) Acetophenone	8.40	105	547047	17.642	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.39	70	268503	16.188	ng/ul	90
16) 4-Methylphenol	8.35	108	369821	17.925	ng/ul	97
17) Hexachloroethane	8.65	117	146352	17.186	ng/ul	93
20) Nitrobenzene	8.78	77	392597	17.711	ng/ul	92
21) Isophorone	9.29	82	729554	16.623	ng/ul	96
23) 2-Nitrophenol	9.48	139	195120	21.087	ng/ul	95
24) 2,4-Dimethylphenol	9.55	107	409948	17.694	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.78	93	452531	16.407	ng/ul	100
27) 2,4-Dichlorophenol	10.00	162	350147	18.955	ng/ul	98
28) Naphthalene	10.40	128	1116475	18.352	ng/ul	98
30) 4-Chloroaniline	10.52	127	384803	19.572	ng/ul	97
31) Hexachlorobutadiene	10.69	225	240848	18.463	ng/ul	99
32) Caprolactam	11.26	113	114852m	20.549	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	372799	17.923	ng/ul	95
34) 2-Methylnaphthalene	12.02	142	804268	18.055	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	461684	18.852 ng/ul	97
37) Hexachlorocyclopentadiene	12.38	237	359878	21.553 ng/ul	96
38) 2,4,6-Trichlorophenol	12.65	196	286834	19.423 ng/ul	97
39) 2,4,5-Trichlorophenol	12.72	196	303200	19.107 ng/ul	93
40) 1,1'-Biphenyl	13.05	154	1033528	17.529 ng/ul	99
41) 2-Chloronaphthalene	13.09	162	822594	18.140 ng/ul	96
42) 2-Nitroaniline	13.30	65	231612	19.256 ng/ul	90
44) Dimethylphthalate	13.69	163	1004064	17.542 ng/ul	100
45) 2,6-Dinitrotoluene	13.80	165	210481	21.296 ng/ul	90
47) Acenaphthylene	13.94	152	1265042	18.245 ng/ul	99
48) 3-Nitroaniline	14.13	138	199220	21.682 ng/ul	90
49) Acenaphthene	14.29	153	856754	18.099 ng/ul	99
50) 2,4-Dinitrophenol	14.35	184	87424m	18.159 ng/ul	
52) 4-Nitrophenol	14.45	109	143775	17.463 ng/ul	89
53) Dibenzofuran	14.63	168	1249989	18.341 ng/ul	96
54) 2,4-Dinitrotoluene	14.60	165	308408	21.646 ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	14.86	232	273354	20.707 ng/ul	91
56) Diethylphthalate	15.07	149	973071	16.954 ng/ul	98
58) Fluorene	15.28	166	997964	18.766 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.28	204	516380	18.304 ng/ul	97
60) 4-Nitroaniline	15.30	138	246944	21.558 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.37	198	167914	18.897 ng/ul	91
64) N-Nitrosodiphenylamine	15.50	169	880084	17.322 ng/ul	100
65) 4-Bromophenyl-phenylether	16.17	248	330344	17.664 ng/ul	97
66) Hexachlorobenzene	16.29	284	371222	18.642 ng/ul	93
67) Atrazine	16.46	200	328759	17.381 ng/ul	98
68) Pentachlorophenol	16.63	266	216972	18.608 ng/ul	99
69) Phenanthrene	17.02	178	1641581	18.158 ng/ul	99
71) Anthracene	17.11	178	1678276	18.223 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.01	216	473265	17.455 ng/uL	100
73) Pentachlorobenzene	14.55	250	429682	17.607 ng/uL	99
74) Carbazole	17.39	167	1528117	19.316 ng/ul	98
75) Di-n-butylphthalate	17.97	149	1640402	16.526 ng/ul	99
76) Fluoranthene	19.05	202	1988343	19.829 ng/ul	98
79) Pyrene	19.42	202	2077304	16.879 ng/ul	97
80) Butylbenzylphthalate	20.35	149	781311	16.035 ng/ul	95
81) 3,3'-Dichlorobenzidine	21.13	252	673445	17.634 ng/ul	99
82) Benzo(a)anthracene	21.20	228	2133794	17.945 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	1097357	14.626 ng/ul#	98
84) Chrysene	21.25	228	2038144	18.468 ng/ul	98
86) Di-n-octyl phthalate	22.03	149	1927572	14.156 ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	2176343	17.414 ng/ul	98
88) Benzo(k)fluoranthene	22.81	252	2137795	17.910 ng/ul	98
90) Benzo(a)pyrene	23.32	252	2117114	18.022 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.60	276	2485580	19.138 ng/ul	98
92) Dibenzo(a,h)anthracene	25.62	278	2089625	18.958 ng/ul	98
93) Benzo(g,h,i)perylene	26.27	276	2018418	18.795 ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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