Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
Data File : BN005401.D
Acq On : 01 May 2019 08:55
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02088

Manual Integrations APPROVED
Sohil
5/3/2019 10:51:58 PM

Quant Time: May 01 18:17:09 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	527887	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	2257730	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1349582	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2968845	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	2068971	20.00	ng/ul	-0.02
85) Perylene-d12	23.41	264	2042463	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	67245	6.15	ng/uL	0.00
5) Phenol-d5	6.78	99	744230	17.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	411046	15.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	601986	18.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	594999	18.36	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	292462	21.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	340042	24.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	638807	19.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	664586	19.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1787988	18.25	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2235445	18.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	292904	18.93	ng/ul	0.00
57) Fluorene-d10	15.23	176	1523504	18.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	271920	20.36	ng/ul	0.00
70) Anthracene-d10	17.08	188	2266880	18.21	ng/ul	0.00
78) Pyrene-d10	19.39	212	2245553	21.22	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	1665877	18.66	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	75074	6.384	ng/uL	97
4) Benzaldehyde	6.75	77	507060	17.258	ng/ul	96
6) Phenol	6.80	94	753034	17.658	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.03	93	587738	17.212	ng/ul	94
10) 2-Chlorophenol	7.16	128	611865	18.653	ng/ul	96
11) 2-Methylphenol	8.03	108	578049	18.089	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.12	45	825979	14.406	ng/ul	96
14) Acetophenone	8.40	105	933683	18.001	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.40	70	465414	16.774	ng/ul#	88
16) 4-Methylphenol	8.36	108	625016	18.110	ng/ul	99
17) Hexachloroethane	8.65	117	254081	17.837	ng/ul	93
20) Nitrobenzene	8.77	77	678170	17.733	ng/ul	93
21) Isophorone	9.30	82	1307571	17.269	ng/ul	97
23) 2-Nitrophenol	9.48	139	352236	22.065	ng/ul	95
24) 2,4-Dimethylphenol	9.55	107	699078	17.490	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.78	93	804600	16.909	ng/ul	98
27) 2,4-Dichlorophenol	10.01	162	618446	19.406	ng/ul	97
28) Naphthalene	10.40	128	1901237	18.114	ng/ul	99
30) 4-Chloroaniline	10.52	127	670019	19.753	ng/ul	99
31) Hexachlorobutadiene	10.69	225	426758	18.962	ng/ul	98
32) Caprolactam	11.27	113	197798m	20.513	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	652471	18.182	ng/ul	94
34) 2-Methylnaphthalene	12.02	142	1389688	18.083	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	807656	19.338 ng/ul	98
37) Hexachlorocyclopentadiene	12.38	237	473182	16.617 ng/ul#	99
38) 2,4,6-Trichlorophenol	12.65	196	508568	20.193 ng/ul	95
39) 2,4,5-Trichlorophenol	12.72	196	549983	20.323 ng/ul	100
40) 1,1'-Biphenyl	13.05	154	1825026	18.149 ng/ul	98
41) 2-Chloronaphthalene	13.09	162	1411174	18.247 ng/ul	96
42) 2-Nitroaniline	13.30	65	405238	19.756 ng/ul#	84
44) Dimethylphthalate	13.69	163	1765553	18.086 ng/ul	99
45) 2,6-Dinitrotoluene	13.81	165	377569	22.400 ng/ul#	88
47) Acenaphthylene	13.95	152	2143369	18.126 ng/ul	98
48) 3-Nitroaniline	14.14	138	339240	21.649 ng/ul#	89
49) Acenaphthene	14.29	153	1454655	18.019 ng/ul	100
50) 2,4-Dinitrophenol	14.35	184	161582	19.680 ng/ul#	86
52) 4-Nitrophenol	14.46	109	233931	16.660 ng/ul	89
53) Dibenzofuran	14.63	168	2103655	18.099 ng/ul	97
54) 2,4-Dinitrotoluene	14.60	165	522125	21.488 ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	14.86	232	474994	21.098 ng/ul	89
56) Diethylphthalate	15.07	149	1760775	17.989 ng/ul	98
58) Fluorene	15.28	166	1665642	18.365 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.28	204	890193	18.503 ng/ul	97
60) 4-Nitroaniline	15.31	138	386827	19.802 ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.37	198	281744	19.825 ng/ul#	89
64) N-Nitrosodiphenylamine	15.50	169	1483469	18.257 ng/ul	99
65) 4-Bromophenyl-phenylether	16.18	248	582723	19.483 ng/ul	94
66) Hexachlorobenzene	16.29	284	625842	19.651 ng/ul	94
67) Atrazine	16.46	200	565121	18.682 ng/ul	98
68) Pentachlorophenol	16.63	266	364673	19.555 ng/ul	99
69) Phenanthrene	17.02	178	2600453	17.985 ng/ul	100
71) Anthracene	17.12	178	2639168	17.918 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	825506	19.037 ng/uL	99
73) Pentachlorobenzene	14.55	250	753760	19.313 ng/uL	99
74) Carbazole	17.39	167	2285135	18.060 ng/ul	99
75) Di-n-butylphthalate	17.97	149	2968911	18.701 ng/ul	100
76) Fluoranthene	19.06	202	2810212	17.523 ng/ul	96
79) Pyrene	19.42	202	2768268	20.781 ng/ul	96
80) Butylbenzylphthalate	20.35	149	1223312	23.194 ng/ul	90
81) 3,3'-Dichlorobenzidine	21.13	252	769138	18.606 ng/ul	99
82) Benzo(a)anthracene	21.19	228	2335074	18.142 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.14	149	1781020	21.930 ng/ul#	99
84) Chrysene	21.24	228	2160200	18.084 ng/ul	99
86) Di-n-octyl phthalate	22.02	149	2725469	21.787 ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	2038540	17.755 ng/ul	98
88) Benzo(k)fluoranthene	22.80	252	2060119	18.788 ng/ul	99
90) Benzo(a)pyrene	23.32	252	1985930	18.402 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.60	276	2312039	19.378 ng/ul	98
92) Dibenzo(a,h)anthracene	25.61	278	1976587	19.520 ng/ul	96
93) Benzo(g,h,i)perylene	26.26	276	1902471	19.284 ng/ul	95

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

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