Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002411.D
Acq On : 18 Aug 2018 10:27
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02052

Manual Integrations APPROVED
Sohil
8/20/2018 4:14:34 PM

Quant Time: Aug 20 04:01:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 18 04:58:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	161887	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	775726	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	485119	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1135129	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1260162	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	1321190	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	28734	8.38	ng/uL	0.00
5) Phenol-d5	6.85	99	312587	21.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	198325	21.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	242398	21.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	252860	21.31	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	130431	21.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	140736	21.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	263503	22.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	278360	21.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	849843	21.13	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1075233	21.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	155184	20.41	ng/ul	0.00
57) Fluorene-d10	15.30	176	746606	21.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	142638	19.74	ng/ul	0.00
70) Anthracene-d10	17.15	188	1157973	21.35	ng/ul	0.00
78) Pyrene-d10	19.45	212	1272767	21.11	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	1484700	21.49	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	27946	7.616	ng/uL	98
4) Benzaldehyde	6.83	77	210685	20.660	ng/ul	93
6) Phenol	6.88	94	315584	20.877	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.11	93	240791	20.953	ng/ul#	85
10) 2-Chlorophenol	7.25	128	244838	21.509	ng/ul#	89
11) 2-Methylphenol	8.12	108	242439	21.251	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	421978	22.172	ng/ul#	85
14) Acetophenone	8.49	105	407414	21.475	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.48	70	219727	21.949	ng/ul#	79
16) 4-Methylphenol	8.44	108	262860	21.179	ng/ul	99
17) Hexachloroethane	8.74	117	98959	20.754	ng/ul	99
20) Nitrobenzene	8.86	77	317235	21.468	ng/ul	97
21) Isophorone	9.38	82	626108	21.979	ng/ul	97
23) 2-Nitrophenol	9.57	139	149964	21.972	ng/ul#	88
24) 2,4-Dimethylphenol	9.63	107	306079	21.869	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.87	93	356701	21.253	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	247888	21.455	ng/ul	98
28) Naphthalene	10.49	128	845105	21.174	ng/ul	99
30) 4-Chloroaniline	10.61	127	283027	21.705	ng/ul	97
31) Hexachlorobutadiene	10.78	225	151321	20.806	ng/ul	98
32) Caprolactam	11.36	113	95278m	21.951	ng/ul	
33) 4-Chloro-3-methylphenol	11.74	107	290051	21.816	ng/ul	98
34) 2-Methylnaphthalene	12.11	142	632182	21.461	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	310673	21.142 ng/ul	99
37) Hexachlorocyclopentadiene	12.46	237	164493	18.428 ng/ul	100
38) 2,4,6-Trichlorophenol	12.73	196	203386	21.495 ng/ul	98
39) 2,4,5-Trichlorophenol	12.80	196	220718	21.800 ng/ul	99
40) 1,1'-Biphenyl	13.13	154	824624	21.234 ng/ul	99
41) 2-Chloronaphthalene	13.17	162	640989	21.173 ng/ul	97
42) 2-Nitroaniline	13.39	65	215193	22.319 ng/ul#	80
44) Dimethylphthalate	13.77	163	829022	21.019 ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	173398	21.760 ng/ul	91
47) Acenaphthylene	14.03	152	1007457	21.449 ng/ul	99
48) 3-Nitroaniline	14.22	138	164122	21.647 ng/ul	93
49) Acenaphthene	14.37	153	708965	21.397 ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	81147	17.021 ng/ul#	1
52) 4-Nitrophenol	14.53	109	119007	20.655 ng/ul#	82
53) Dibenzofuran	14.70	168	989686	21.173 ng/ul	98
54) 2,4-Dinitrotoluene	14.68	165	261466	21.762 ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	14.94	232	193948	21.939 ng/ul	97
56) Diethylphthalate	15.14	149	862097	21.423 ng/ul	100
58) Fluorene	15.36	166	822419	21.505 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	401127	21.252 ng/ul	95
60) 4-Nitroaniline	15.39	138	209886	21.420 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.45	198	147061	19.725 ng/ul	92
64) N-Nitrosodiphenylamine	15.57	169	700222	21.111 ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	245836	21.229 ng/ul	91
66) Hexachlorobenzene	16.36	284	274684	21.254 ng/ul	96
67) Atrazine	16.53	200	258787	21.340 ng/ul	98
68) Pentachlorophenol	16.71	266	142457	19.692 ng/ul	99
69) Phenanthrene	17.10	178	1334983	21.333 ng/ul	98
71) Anthracene	17.19	178	1360002	21.429 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	337179	21.243 ng/uL	99
73) Pentachlorobenzene	14.63	250	321059	21.222 ng/uL	99
74) Carbazole	17.46	167	1223667	21.741 ng/ul	99
75) Di-n-butylphthalate	18.03	149	1512855	22.110 ng/ul	100
76) Fluoranthene	19.12	202	1569213	22.033 ng/ul	98
79) Pyrene	19.48	202	1602911	21.095 ng/ul	97
80) Butylbenzylphthalate	20.39	149	718717	22.324 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.17	252	507380	20.204 ng/ul	99
82) Benzo(a)anthracene	21.24	228	1643153	21.284 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.17	149	1074679	22.254 ng/ul	99
84) Chrysene	21.29	228	1543074	21.118 ng/ul	99
86) Di-n-octyl phthalate	22.05	149	1865413	22.217 ng/ul#	92
87) Benzo(b)fluoranthene	22.81	252	1721011	21.731 ng/ul	99
88) Benzo(k)fluoranthene	22.85	252	1591844	21.336 ng/ul	99
90) Benzo(a)pyrene	23.38	252	1612557	21.375 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.69	276	1795390	20.005 ng/ul	97
92) Dibenzo(a,h)anthracene	25.70	278	1502147	20.020 ng/ul	99
93) Benzo(g,h,i)perylene	26.37	276	1438430	19.208 ng/ul	97

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

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