Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002381.D
Acq On : 17 Aug 2018 16:38
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02050

Manual Integrations APPROVED
Sohil
8/20/2018 4:14:05 PM

Quant Time: Aug 18 03:18:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 16 01:50:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	150724	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	727297	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	453481	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1069709	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1198263	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	1272514	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	25875	8.10	ng/uL	0.00
5) Phenol-d5	6.86	99	288828	20.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	184666	21.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	224279	21.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	232147	21.01	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	121721	21.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	129326	21.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	240682	21.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	251884	20.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	803426	21.37	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	997690	21.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	145769	20.51	ng/ul	0.00
57) Fluorene-d10	15.30	176	695252	21.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	136033	19.97	ng/ul	0.00
70) Anthracene-d10	17.16	188	1091895	21.37	ng/ul	0.00
78) Pyrene-d10	19.46	212	1223607	21.34	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	1426704	21.44	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	27129	7.941	ng/uL	95
4) Benzaldehyde	6.83	77	202307	21.307	ng/ul	93
6) Phenol	6.88	94	293944	20.885	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.11	93	224851	21.015	ng/ul#	85
10) 2-Chlorophenol	7.25	128	224004	21.136	ng/ul#	90
11) 2-Methylphenol	8.12	108	224408	21.127	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	393998	22.235	ng/ul#	85
14) Acetophenone	8.49	105	378415	21.424	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.48	70	203512	21.835	ng/ul#	81
16) 4-Methylphenol	8.45	108	242775	21.009	ng/ul	97
17) Hexachloroethane	8.74	117	92783	20.900	ng/ul	97
20) Nitrobenzene	8.86	77	287961	20.784	ng/ul	93
21) Isophorone	9.38	82	577209	21.612	ng/ul	95
23) 2-Nitrophenol	9.57	139	136691	21.361	ng/ul#	88
24) 2,4-Dimethylphenol	9.63	107	281501	21.452	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.87	93	336461	21.382	ng/ul	98
27) 2,4-Dichlorophenol	10.10	162	233670	21.571	ng/ul	99
28) Naphthalene	10.50	128	789632	21.102	ng/ul	99
30) 4-Chloroaniline	10.61	127	255265	20.879	ng/ul	99
31) Hexachlorobutadiene	10.78	225	142885	20.954	ng/ul	97
32) Caprolactam	11.36	113	87485m	21.498	ng/ul	
33) 4-Chloro-3-methylphenol	11.75	107	270528	21.703	ng/ul	98
34) 2-Methylnaphthalene	12.12	142	593756	21.498	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	288464	21.000	ng/ul	98
37) Hexachlorocyclopentadiene	12.46	237	157979	18.933	ng/ul	97
38) 2,4,6-Trichlorophenol	12.73	196	188758	21.341	ng/ul	98
39) 2,4,5-Trichlorophenol	12.81	196	204008	21.556	ng/ul	98
40) 1,1'-Biphenyl	13.13	154	769699	21.203	ng/ul	99
41) 2-Chloronaphthalene	13.17	162	602624	21.295	ng/ul	97
42) 2-Nitroaniline	13.39	65	197208	21.881	ng/ul#	81
44) Dimethylphthalate	13.77	163	787967	21.372	ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	160459	21.541	ng/ul	94
47) Acenaphthylene	14.03	152	951474	21.670	ng/ul	99
48) 3-Nitroaniline	14.22	138	151232	21.338	ng/ul	91
49) Acenaphthene	14.37	153	658232	21.252	ng/ul	100
50) 2,4-Dinitrophenol	14.43	184	80266	18.010	ng/ul#	1
52) 4-Nitrophenol	14.53	109	112555	20.898	ng/ul#	82
53) Dibenzofuran	14.71	168	934497	21.387	ng/ul	96
54) 2,4-Dinitrotoluene	14.69	165	244731	21.791	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	14.94	232	181204	21.927	ng/ul	98
56) Diethylphthalate	15.14	149	815110	21.669	ng/ul	100
58) Fluorene	15.36	166	772961	21.622	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.36	204	375074	21.258	ng/ul	97
60) 4-Nitroaniline	15.39	138	197203	21.530	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.45	198	142581	20.294	ng/ul	98
64) N-Nitrosodiphenylamine	15.57	169	663278	21.220	ng/ul	100
65) 4-Bromophenyl-phenylether	16.25	248	235716	21.600	ng/ul	93
66) Hexachlorobenzene	16.37	284	259396	21.299	ng/ul	94
67) Atrazine	16.53	200	242893	21.255	ng/ul	97
68) Pentachlorophenol	16.71	266	131139	19.236	ng/ul	98
69) Phenanthrene	17.10	178	1261665	21.395	ng/ul	99
71) Anthracene	17.19	178	1299588	21.729	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	310872	20.784	ng/uL	99
73) Pentachlorobenzene	14.63	250	298907	20.967	ng/uL	99
74) Carbazole	17.46	167	1161848	21.905	ng/ul	100
75) Di-n-butylphthalate	18.03	149	1428586	22.156	ng/ul	99
76) Fluoranthene	19.12	202	1496294	22.294	ng/ul	99
79) Pyrene	19.48	202	1544319	21.374	ng/ul	97
80) Butylbenzylphthalate	20.39	149	660065	21.561	ng/ul	93
81) 3,3'-Dichlorobenzidine	21.17	252	475214	19.900	ng/ul	98
82) Benzo(a)anthracene	21.24	228	1568169	21.362	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.17	149	1013820	22.079	ng/ul	100
84) Chrysene	21.29	228	1474381	21.220	ng/ul	99
86) Di-n-octyl phthalate	22.06	149	1772560	21.919	ng/ul#	95
87) Benzo(b)fluoranthene	22.81	252	1585804	20.790	ng/ul	99
88) Benzo(k)fluoranthene	22.86	252	1568876	21.832	ng/ul	100
90) Benzo(a)pyrene	23.38	252	1549218	21.321	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.70	276	1824522	21.107	ng/ul	98
92) Dibenzo(a,h)anthracene	25.70	278	1515797	20.975	ng/ul	99
93) Benzo(g,h,i)perylene	26.37	276	1490639	20.667	ng/ul	98

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

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